

1	1804	100.0	1804	9	US-09-794-927-1	Sequence 1, Appl 1
2	1804	100.0	1804	9	US-09-795-947-1	Sequence 1, Appl 1
3	1804	100.0	1804	9	US-09-796-973-1	Sequence 1, Appl 1
4	1804	100.0	1804	9	US-09-794-978-1	Sequence 1, Appl 1
5	1804	100.0	1804	9	US-09-794-925-1	Sequence 1, Appl 1
6	1804	100.0	1804	9	US-09-681-442-1	Sequence 1, Appl 1
7	1804	100.0	1804	10	US-09-869-114-1	Sequence 1, Appl 1
8	1804	100.0	1804	10	US-09-568-165-1	Sequence 1, Appl 1
9	1784.4	98.9	1879	9	US-09-978-252A-195	Sequence 195, App
10	1784.4	98.9	1879	9	US-09-978-657-195	Sequence 195, App
11	1784.4	98.9	1879	9	US-09-978-162A-195	Sequence 195, App
12	1784.4	98.9	1879	9	US-09-978-832A-195	Sequence 195, App
13	1784.4	98.9	1879	10	US-09-978-809-195	Sequence 195, App
14	1784.4	98.9	1879	10	US-09-978-688-195	Sequence 195, App
15	1784.4	98.9	1879	10	US-09-978-585A-195	Sequence 195, App

16	1784.4	98.9	1879	10	US-09-978-493A-195	Sequence 195, Appl
17	1784.4	98.9	1879	10	US-09-978-493A-195	Sequence 195, Appl
18	1784.4	98.9	1879	10	US-09-978-554A-195	Sequence 195, Appl
19	1784.4	98.9	1879	10	US-09-978-554A-195	Sequence 195, Appl
20	1784.4	98.9	1879	10	US-09-978-824-195	Sequence 195, Appl
21	1784.4	98.9	1879	10	US-09-981-915A-195	Sequence 195, Appl
22	1784.4	98.9	1879	10	US-09-978-824-195	Sequence 195, Appl
23	1784.4	98.9	1879	10	US-09-918-585A-195	Sequence 195, Appl
24	1784.4	98.9	1879	10	US-09-978-433A-195	Sequence 195, Appl
25	1784.4	98.9	1879	10	US-09-978-193A-195	Sequence 195, Appl
26	1784.4	98.9	1879	10	US-09-959-830A-195	Sequence 195, Appl
27	1784.4	98.9	1879	10	US-09-978-757A-195	Sequence 195, Appl
28	1784.4	98.9	1879	10	US-09-978-187B-195	Sequence 195, Appl
29	1784.4	98.9	1879	10	US-09-978-653A-195	Sequence 195, Appl
30	1784.4	98.9	1879	10	US-09-978-375A-195	Sequence 195, Appl
31	1784.4	98.9	1879	10	US-09-978-298A-195	Sequence 195, Appl
32	1784.4	98.9	1879	10	US-09-978-188A-195	Sequence 195, Appl
33	1784.4	98.9	1879	10	US-09-978-681A-195	Sequence 195, Appl
34	1784.4	98.9	1879	10	US-09-999-829A-195	Sequence 195, Appl
35	1784.4	98.9	1879	10	US-09-978-239A-195	Sequence 195, Appl
36	1784.4	98.9	1879	10	US-09-978-544A-195	Sequence 195, Appl
37	1784.4	98.9	1879	10	US-09-978-655A-195	Sequence 195, Appl
38	1784.4	98.9	1879	10	US-09-978-802A-195	Sequence 195, Appl
39	1784.4	98.9	1879	10	US-10-154A-749A-195	Sequence 195, Appl
40	1784.4	98.9	1879	12	US-10-266-915-71	Sequence 71, Appl
41	1784.4	98.9	1879	12	US-10-139-670-71	Sequence 71, Appl
42	1784.4	98.9	1879	12	US-10-201-858-71	Sequence 71, Appl
43	1784.4	98.9	1879	13	US-10-052-586-71	Sequence 71, Appl
44	1784.4	98.9	1879	14	US-10-174-590-71	Sequence 71, Appl
45	1784.4	98.9	1879	14	US-10-176-758-71	Sequence 71, Appl

ALIGNMENTS

RESULT 1

Sequence 1 Application US/09794927
 Patent No. US20010016324A1
 GENERAL INFORMATION:
 APPLICANT: Gurney, Mark E.
 APPLICANT: Bienkowski, Michael J.
 APPLICANT: Heinrichson, Robert L.
 APPLICANT: Parodi, Luis A.
 APPLICANT: Van, Ridgand
 TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, ANT
 TITLE OF INVENTION: USES
 TITLE OF INVENTION: THEREFOR
 FILE REFERENCE: 28341/5280FG
 CURRENT APPLICATION NUMBER: US/09/794,927
 CURRENT FILING DATE: 2001-02-27
 PRIOR APPLICATION NUMBER: 09/416,901
 PRIOR FILING DATE: 1999-10-13
 PRIOR APPLICATION NUMBER: 60/155,493
 PRIOR FILING DATE: 1999-09-23
 PRIOR APPLICATION NUMBER: 09/404,133
 PRIOR FILING DATE: 1999-09-23
 PRIOR APPLICATION NUMBER: PCT/US99/20881
 PRIOR FILING DATE: 1999-09-23
 PRIOR APPLICATION NUMBER: 60/101,594
 PRIOR FILING DATE: 1998-09-24
 NUMBER OF SEQ ID NOS: 73
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO 1
 LENGTH: 1804
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-794-927-1

Query Match	100.0%	Score 1804	DB 9	Length 1804
Best Local Similarity	100.0%	Pred. No. 0		
Matches 1804	Conservative 0	Mismatches 0	Indels 0	Gaps 0

PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: PCT/US99/20881
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 60/101,594
NUMBER OF SEQ ID NOS: 73
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 1804
TYPE: DNA
ORGANISM: Homo sapiens
US-09-795-847-1

Query Match 100.0%; Score 1804; DB 9; Length 1804;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1804; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1 ATGGGCGACATGCGCCCGGCGCTGTGTGCTTGTGCTGCGCCCAATGCTGCGCGCC 60
61 GCGGCGAGCTGCGCCCGGCGCTTACGCTGCGCCCTCCGCGGCGCGCGCGCGCGCG 120
61 GCGGCGAGCTGCGCCCGGCGCTTACGCTGCGCCCTCCGCGGCGCGCGCGCGCGCG 120
121 GCGGCGAGCTGCGCCCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 180
121 GCGGCGAGCTGCGCCCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 180
181 GCGGCGAGCTGCGCCCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 240
181 GCGGCGAGCTGCGCCCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 240
241 GTAGCAACCTGCGAGGCGGAGCTTGGCGCGCGCTACCTGAGATGCTGATCGGAGC 300
241 GTAGCAACCTGCGAGGCGGAGCTTGGCGCGCGCTACCTGAGATGCTGATCGGAGC 300
301 CCGCGCGAGAGCTGAGATGCTTGTGAGCACTGAGAGCACTTGTGCGCGAGAG 360
301 CCGCGCGAGAGCTGAGATGCTTGTGAGCACTGAGAGCACTTGTGCGCGAGAG 360
361 ACCCGGCACTCTCATAGACACGCTACTTTGACACAGAGAGCTTACGACATACGCTCC 420
361 ACCCGGCACTCTCTCATAGACACGCTACTTTGACACAGAGAGCTTACGACATACGCTCC 420
421 AAGGCGTTGACGTCACAGTGAATACACACAGAGAGCTTGAACGCGGCTTGGTGGGGA 480
421 AAGGCGTTGACGTCACAGTGAATACACACAGAGAGCTTGAACGCGGCTTGGTGGGGA 480
481 GACCTGCGACCATCCCAAGGCTTCAATACTTCTTGTCAACATGCGCACTAT 540
481 GACCTGCGACCATCCCAAGGCTTCAATACTTCTTGTCAACATGCGCACTAT 540
541 TTGATATGAGAAATTTCTTTTGTGCTGGGATTAATGGAATGGAATGCTTGGCTAGCT 600
541 TTGATATGAGAAATTTCTTTTGTGCTGGGATTAATGGAATGGAATGCTTGGCTAGCT 600
601 TATGCAACATGCGACAGCATCAAGTCTCTGAGAGACCTTCTGACCTCCGCGGAG 660
601 TATGCAACATGCGACAGCATCAAGTCTCTGAGAGACCTTCTGACCTCCGCGGAG 660
661 CAAGCAACATCCCAAGCTTTTCTCCATGCAATGCTGAGAGCGCGCTTGGCGGCTGCT 720
661 CAAGCAACATCCCAAGCTTTTCTCCATGCAATGCTGAGAGCGCGCTTGGCGGCTGCT 720
721 GGATCTGGGACCAAGAGTGTCTTGTGCTGGGAGATTAACCAAGTTGATATA 780
721 GGATCTGGGACCAAGAGTGTCTTGTGCTGGGAGATTAACCAAGTTGATATA 780
781 GAGACATCTGTATACCTCTATTAAGAGAGTGTATACAGATAGAAATTTCTGAAA 840
781 GAGACATCTGTATACCTCTATTAAGAGAGTGTATACAGATAGAAATTTCTGAAA 840

841 TTGAAATGAGCGCAAGCCTTAATCTGAGCTGAGAGATTAACGACAGCAAGGCC 900
841 TTGAAATGAGCGCAAGCCTTAATCTGAGCTGAGAGATTAACGACAGCAAGGCC 900
901 ATCTGAGACAGTGGACACACAGCTGCTGCGCTGCGCCAGAGAGTGTGATGCGGAGTG 960
901 ATCTGAGACAGTGGACACACAGCTGCTGCGCTGCGCCAGAGAGTGTGATGCGGAGTG 960
961 GAAGCTGCGCGCGCGCGCTTCTGATTTCCAGAAATTTCTGATGCTTCTGAGCTGGGCTC 1020
961 GAAGCTGCGCGCGCGCGCTTCTGATTTCCAGAAATTTCTGATGCTTCTGAGCTGGGCTC 1020
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1021 CAGCTGCGCTGCTGAGCAATTCGAGAAACCTTGTGCTTACCTTCCCTAAATTCGATC 1080
1081 TACCTGAGATGAGAACTTCAGAGATTCCTGATCAGATCTGCTGAGCTTAC 1140
1081 TACCTGAGATGAGAACTTCAGAGATTCCTGATCAGATCTGCTGAGCTTAC 1140
1141 ATTCAGCCATGATGAGGCGCGCGCTGATTAATGATTAATGATGAGCTTAC 1200
1141 ATTCAGCCATGATGAGGCGCGCGCTGATTAATGATTAATGATGAGCTTAC 1200
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1201 TCACCAATGCGCTGCTGATTCGCTGACAGGATGAGAGGCTTCACTGATCTTCCAC 1260
1261 AGAGCCGAGAGAGGCTGCGCTTCCAGAGAGCCTTGTGAGAAATTCAGAGTCTGCA 1320
1261 AGAGCCGAGAGAGGCTGCGCTTCCAGAGAGCCTTGTGAGAAATTCAGAGTCTGCA 1320
1321 GTGCTGAAATTTCCGCGCTTCTCAACAGAGAGATGAGCAGCACTGTGCTCCGCT 1380
1321 GTGCTGAAATTTCCGCGCTTCTCAACAGAGAGATGAGCAGCACTGTGCTCCGCT 1380
1381 CAGCTTTGAGAGAGCCCATTTTGTGATGCTGCTGATGCTGATGAGCTGCTGGA 1440
1381 CAGCTTTGAGAGAGCCCATTTTGTGATGCTGCTGATGCTGATGAGCTGCTGGA 1440
1441 GCCATCCTCTTGTCTTAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500
1441 GCCATCCTCTTGTCTTAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500
1501 CGTGACCTGAGGCTGCTCAATGATGATGCTCTCTGTCAGACATGCTGAGAAATGATA 1560
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1561 GCCAGGCTGAGCTCAAGCAACATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620
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1621 AGCAGCGGAGTGTGAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1680
1621 AGCAGCGGAGTGTGAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1680
1681 GCTCCAGATGCTTCTTAATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1740
1681 GCTCCAGATGCTTCTTAATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1740
1741 CTCCTACTTCCAGAGAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1800
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1801 AAAA 1804
1801 AAAA 1804

RESULT 3
US-09-794-743-1
Sequence 1, Application US/09794743
Patent No. US20010021391A1

QY 961 GAAGCTGTGGCCCGGCACTCTGATTCAGAAATCTCTGATGTTCTGAGCTGGCTCC 1020
Db 961 GAAGCTGTGGCCCGGCACTCTGATTCAGAAATCTCTGATGTTCTGAGCTGGCTCC 1020
QY 1021 CAGCTGGCGTGTGACCAATTCGAAACACCTTGATCTTACTCTCCCTAAATCTCATC 1080
Db 1021 CAGCTGGCGTGTGACCAATTCGAAACACCTTGATCTTACTCTCCCTAAATCTCATC 1080
QY 1081 TACCTGAGAGATGAAGAACTCCAGCAGCTCATTCCTGATTCACAAATCTGCTGACTTAC 1140
Db 1081 TACCTGAGAGATGAAGAACTCCAGCAGCTCATTCCTGATTCACAAATCTGCTGACTTAC 1140
QY 1141 ATTCAAGCCCATGATGAGGAGCGGCGCTGATTAATGAATGAATGATTCGAGATTCGAGCA 1200
Db 1141 ATTCAAGCCCATGATGAGGAGCGGCGCTGATTAATGAATGAATGATTCGAGATTCGAGCA 1200
QY 1201 TCACAAATGCGCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1260
Db 1201 TCACAAATGCGCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1260
QY 1261 AAGGCCCAAG 1320
Db 1261 AAGGCCCAAG 1320
QY 1321 GTGCTGAAATTTCCGGGCTTTTCAACAGAGAGATGATGATGATGATGATGATGATGATGAT 1380
Db 1321 GTGCTGAAATTTCCGGGCTTTTCAACAGAGAGATGATGATGATGATGATGATGATGATGAT 1380
QY 1381 CAGCTCTTGAAG 1440
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QY 1441 GGCATCTCTCTGCTTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1500
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Db 1501 GGTGACCTGAGAGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1560
QY 1561 GCGAGGCTGAGCTCAAGCAACCATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1620
Db 1561 GCGAGGCTGAGCTCAAGCAACCATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1620
QY 1621 AGCAGCCGGAGTGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1680
Db 1621 AGCAGCCGGAGTGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1680
QY 1681 GGTCCAGATGCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1740
Db 1681 GGTCCAGATGCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1740
QY 1741 GTCCCTACTTCCAGAAAAATATTAATAAAAAAATCTCAATCTTAACCAAAAAA 1800
Db 1741 GTCCCTACTTCCAGAAAAATATTAATAAAAAAATCTCAATCTTAACCAAAAAA 1800
QY 1801 AAAA 1804
Db 1801 AAAA 1804

RESULT 7

US-09-869-414-1
; Sequence 1, Application US/09869414
; Publication No. US20030077226A1
; GENERAL INFORMATION:
; APPLICANT: Beinkowski et al.
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND USBS
; FILE REFERENCE: 28341/6280M
; CURRENT APPLICATION NUMBER: US/09/869,414
; CURRENT FILING DATE: 2001-06-27

;; PRIOR APPLICATION NUMBER: 09/416,901
;; PRIOR FILING DATE: 1999-10-13
;; PRIOR APPLICATION NUMBER: 60/155,493
;; PRIOR FILING DATE: 1999-09-23
;; PRIOR APPLICATION NUMBER: 09/404,133
;; PRIOR FILING DATE: 1999-09-23
;; PRIOR APPLICATION NUMBER: 60/101,594
;; PRIOR FILING DATE: 1999-09-23
;; PRIOR APPLICATION NUMBER: 60/101,594
;; PRIOR FILING DATE: 1998-09-24
;; NUMBER OF SEQ ID NOS: 73
;; SOFTWARE: Patentin Ver. 2.0
;; SEQ ID NO: 1
;; LENGTH: 1804
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-869-414-1

Query Match 100.0%; Score 1804; DB 10; Length 1804;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1804; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGGCGCACTGCGCGCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 60
Db 1 ATGGGCGCACTGCGCGCGCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 60
QY 61 GCGGCGAGCTGCGCGCGCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 120
Db 61 GCGGCGAGCTGCGCGCGCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 120
QY 121 CCGCTAGTTCGCGCCACCACCGGAGACCCGCGGACCCCTGCGGAGCGCAGCGCGCGCTTG 180
Db 121 CCGCTAGTTCGCGCCACCACCGGAGACCCGCGGACCCCTGCGGAGCGCAGCGCGCGCTTG 180
QY 181 GCGCTGCGCTGAGAGCTGCG 240
Db 181 GCGCTGCGCTGAGAGCTGCG 240
QY 241 GCGCTGCGCTGAGAGCTGCG 300
Db 241 GCGCTGCGCTGAGAGCTGCG 300
QY 301 CCCCCGAGAGAGTACAGATTCCTGTTGACCTGAGAGAGTACCTTTGGCGTGGCAGAG 360
Db 301 CCCCCGAGAGAGTACAGATTCCTGTTGACCTGAGAGAGTACCTTTGGCGTGGCAGAG 360
QY 361 ACCCGGACCTCTACATGACAGAGTCTTGAACAGAGAGTCTAGACATACCGCTCC 420
Db 361 ACCCGGACCTCTACATGACAGAGTCTTGAACAGAGAGTCTAGACATACCGCTCC 420
QY 421 AAGGGCTTGAAGTCAAGTGAAGTACACACAGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 480
Db 421 AAGGGCTTGAAGTCAAGTGAAGTACACACAGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 480
QY 481 GACCTGTCACATCCCAAGAGCTCACTCTCTTCTGTCGATGACATGACATGACATGACATGAC 540
Db 481 GACCTGTCACATCCCAAGAGCTCACTCTCTTCTGTCGATGACATGACATGACATGACATGAC 540
QY 541 TTTGATCAGAGATTTCTTTTGGCTGGGATTAATGAAATGAAATGAAATGAAATGAAATGAAATG 600
Db 541 TTTGATCAGAGATTTCTTTTGGCTGGGATTAATGAAATGAAATGAAATGAAATGAAATGAAATG 600
QY 601 TATGCCACATTCGCAAGCATCAAGTCTCTGAGAGCTTCTGCACTCTCTGCTGCTGCTGCTGCT 660
Db 601 TATGCCACATTCGCAAGCATCAAGTCTCTGAGAGCTTCTGCACTCTCTGCTGCTGCTGCTGCT 660
QY 661 CAAGCAAACTCCCAAGCTTTCTTCATGATGATGATGATGATGATGATGATGATGATGATGATGAT 720
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QY 721 GATCTGGAGCAAGAGAGTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
Db 721 GATCTGGAGCAAGAGAGTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780

QY	781	GGAGACATCGGATTAACCCCTTTAAGGAAAGGTGATCAACAGATGAATTCCTGAAA	840
Db	781	GGAGACATCGGATTAACCCCTTTAAGGAAAGGTGATCAACAGATGAATTCCTGAAA	840
QY	841	TTGGAAATTTGAGGCCAAGCCTTAATCTGGACTGCAGAGATTAACGACAGAGCC	900
Db	841	TTGGAAATTTGAGGCCAAGCCTTAATCTGGACTGCAGAGATTAACGACAGAGCC	900
QY	901	ATCGTGGACAGAGGCCACACGCTGTGGCCCTGCCAGAAAGTGTTAATGGGGTGGT	960
Db	901	ATCGTGGACAGAGGCCACACGCTGTGGCCCTGCCAGAAAGTGTGTGATGGGGTGGT	960
QY	961	GAAAGCTGTGGCCCGGCGCATCTCTGATTCAGAAATTCGTGATGATTTGGAATGGGTCC	1020
Db	961	GAAAGCTGTGGCCCGGCGCATCTCTGATTCAGAAATTCGTGATGATTTGGAATGGGTCC	1020
QY	1021	CAGCTGGCCGCTGGACGCAATTCGAAACAATTGATGATCTTAATCTCCCTAAATTCCTC	1080
Db	1021	CAGCTGGCCGCTGGACGCAATTCGAAACAATTGATGATCTTAATCTCCCTAAATTCCTC	1080
QY	1081	TACCTGAGAGATGAGAACTCCAGCAGTCAATCCGATCCAAATTCCTGCTCAGCTTAC	1140
Db	1081	TACCTGAGAGATGAGAACTCCAGCAGTCAATCCGATCCAAATTCCTGCTCAGCTTAC	1140
QY	1141	ATTCAAGCCATATAGGGGGCGGCGCTGAAATTAATGAATGAACGATTCGGCAATTCGCCA	1200
Db	1141	ATTCAAGCCATATAGGGGGCGGCGCTGAAATTAATGAATGAACGATTCGGCAATTCGCCA	1200
QY	1201	TCCACAAATGCGCTGATGATGCTGTCACCGGTATGAGAGGGCTTCTTACGTCAATCTTGAC	1260
Db	1201	TCCACAAATGCGCTGATGATGCTGTCACCGGTATGAGAGGGCTTCTTACGTCAATCTTGAC	1260
QY	1261	AGAGCCCAAGAGGGGTGGGCTTTGACACAGAGCCCGTGCAGAAATTCGAGGTGTGA	1320
Db	1261	AGAGCCCAAGAGGGGTGGGCTTTGACACAGAGCCCGTGCAGAAATTCGAGGTGTGA	1320
QY	1321	GTGTCTGAATTTCCGGGCTTTTCTCAACAGAGGATGTAGCCAGCAATGTGTCCCGCT	1380
Db	1321	GTGTCTGAATTTCCGGGCTTTTCTCAACAGAGGATGTAGCCAGCAATGTGTCCCGCT	1380
QY	1381	CAGTCTTATAGGAGGCCATTTTGTGATTTGTGCTATAGGCTCATAGAGCGTCTGTGA	1440
Db	1381	CAGTCTTATAGGAGGCCATTTTGTGATTTGTGCTATAGGCTCATAGAGCGTCTGTGA	1440
QY	1441	GCCATCTCTCTTGTCTTAATCGTCTGTGCTGTGCTGCCTTCCGAGTACGATCGCCCC	1500
Db	1441	GCCATCTCTCTTGTCTTAATCGTCTGTGCTGTGCTGCCTTCCGAGTACGATCGCCCC	1500
QY	1501	CGGACCCCTGAGGTGCTCAATGATAGAGTCCTCTGTGTCAGACATGCTGGAAATGAATA	1560
Db	1501	CGGACCCCTGAGGTGCTCAATGATAGAGTCCTCTGTGTCAGACATGCTGGAAATGAATA	1560
QY	1561	GCCAGGCTGACTCAAGCAACCATGAATCTAGCTATTTAAGAAATCAATTTCCAGGGC	1620
Db	1561	GCCAGGCTGACTCAAGCAACCATGAATCTAGCTATTTAAGAAATCAATTTCCAGGGC	1620
QY	1621	AGCAGCCGGATTCGATGATGGGGCTTCTCTGTGGCCACCGCTTCAATCTGTCTCT	1680
Db	1621	AGCAGCCGGATTCGATGATGGGGCTTCTCTGTGGCCACCGCTTCAATCTGTCTCT	1680
QY	1681	GCTCCAGATGCTTCTTAATTCACATGCTTTTGAATCTTGAATTTCAAGCTTCAATC	1740
Db	1681	GCTCCAGATGCTTCTTAATTCACATGCTTTTGAATCTTGAATTTCAAGCTTCAATC	1740
QY	1741	CTCCCTACTTCCAGAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA	1800
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QY	1801	AAAA 1804	
Db	1801	AAAA 1804	

```

RESULT 8
US-09-548-366-1 Application US/09548366
; Sequence 1, Publication No. US20030104365A1
; GENERAL INFORMATION:
APPLICANT: Gurney, Mark E.
APPLICANT: Bienkowski, Michael J.
APPLICANT: Heinrikson, Robert L.
APPLICANT: Parodi, Luis A.
APPLICANT: Yan, Riqiang
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
FILE REFERENCE: 28341/5280A
CURRENT APPLICATION NUMBER: US/09/548,366
PRIORITY FILING DATE: 2000-04-12
PRIOR APPLICATION NUMBER: 60/155,493
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 09/404,133
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: PCT/US99/20881
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 60/101,594
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 1804
TYPE: DNA
ORGANISM: Homo sapiens
US-09-548-366-1

Query Match      100.0%; Score 1804; DB 10; Length 1804;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 1804; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGGCGCACTGCGCCGGGCGCTGCTGTCTGCTTGTGTCAGCCAGTGCTCCTGCGGCC 60
DB 1 ATGGGCGCACTGCGCCGGGCGCTGCTGTCTGCTTGTGTCAGCCAGTGCTCCTGCGGCC 60

QY 61 GCCCGGAGCTGACCCCCCGCGCTTTCACTGTGCCTTCCGGGTGCGCGGCACGAAAC 120
DB 61 GCCCGGAGCTGACCCCCCGCGCTTTCACTGTGCCTTCCGGGTGCGCGGCACGAAAC 120

QY 121 CGCGTAGTTGCGGCCACCOCGGGACCCCGGGAACCCCTGCGGAGCGACAAGCGGAGCTTG 180
DB 121 CGCGTAGTTGCGGCCACCOCGGGACCCCGGGAACCCCTGCGGAGCGACAAGCGGAGCTTG 180

QY 181 GCAGCTGCGCCCTGAGGCTGCGCTGCGGCTGCCCGGGGCGCGCAACTTCTTGCCATG 240
DB 181 GCAGCTGCGCCCTGAGGCTGCGCTGCGGCTGCCCGGGGCGCGCAACTTCTTGCCATG 240

QY 241 GTGACAAACCTGAGGGGGGACTGTGCGCGGGCTACTACTGTGAGAATGCTGATTCGGGACC 300
DB 241 GTGACAAACCTGAGGGGGGACTGTGCGCGGGCTACTACTGTGAGAATGCTGATTCGGGACC 300

QY 301 CCCCAGAGAGCTGACAGATTCTCGTTGACACTGGAAGCATTAATTGCGTGACAGA 360
DB 301 CCCCAGAGAGCTGACAGATTCTCGTTGACACTGGAAGCATTAATTGCGTGACAGA 360

QY 361 ACCCGGACCTCTTAACATAACAGCTTTGACAGAGAGCTTAAGCACATACCGCTCC 420
DB 361 ACCCGGACCTCTTAACATAACAGCTTTGACAGAGAGCTTAAGCACATACCGCTCC 420

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Patent No. US2002015606A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paenl, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C11
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63	PRIOR APPLICATION NUMBER: 60/085697

Query Match

98.9%; Score 1784.4; DB 9; Length 1879;

APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC27
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RESULT 11
US-09-978-192A-195
Sequence 195 Application US/09/78192A
Patent No. US2002017753A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botsstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Petrata, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Geber, Hanspeter
APPLICANT: Gerlisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC9
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GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
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APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
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APPLICANT: Tumas, Daniel
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APPLICANT: Wood, William I.
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 PRIOR FILING DATE: 1998-04-21
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 PRIOR FILING DATE: 1998-04-22
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 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/082700
 PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082797
 PRIOR FILING DATE: 1998-04-22
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 PRIOR FILING DATE: 1998-04-23
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 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 98.9%; Score 1784.4; DB 10; Length 1879;
 Best Local Similarity 99.9%; Preq: No. 0;
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Search completed: March 6, 2004, 02:17:32
 Job time : 662 secs

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RESULT 2

US-09-795-847-1

Sequence 1, Application US/09795847

Patent No. US20010018208A1

GENERAL INFORMATION:

APPLICANT: Gurney, Mark E.

APPLICANT: Bienkowski, Michael J.

APPLICANT: Heinrikson, Robert L.

APPLICANT: Parodi, Luis A.

APPLICANT: Van, Rikdang

TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND

TITLE OF INVENTION: USES

TITLE OF INVENTION: THEREFOR

FILE REFERENCE: 28341/6280DE

CURRENT FILING DATE: 2001-02-28

PRIOR APPLICATION NUMBER: US/09/795,847

CURRENT FILING DATE: 1999-10-13

PRIOR APPLICATION NUMBER: 60/155,493

PRIOR FILING DATE: 1999-09-23

PRIOR APPLICATION NUMBER: 09/404,133

GENERAL INFORMATION:
APPLICANT: Gutney, Mark E.
APPLICANT: Bienkowski, Michael J.
APPLICANT: Heinrikson, Robert L.
APPLICANT: Parodi, Luis A.
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
TITLE OF INVENTION: USES
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: 28341/6280BC
CURRENT APPLICATION NUMBER: US/09/794,743
CURRENT FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: 09/416,901
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/155,493
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 09/404,133
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: PCT/US99/20881
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 60/101,594
PRIOR FILING DATE: 1998-09-24
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US-09-794-743-1
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Best Local Similarity 100.0%; Pred. No. 0;
Matches 1804; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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US-09-681-442-1

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/ Patent No. US20020081634A1
/ GENERAL INFORMATION:
/ APPLICANT: Guiney, Mark E.
/ APPLICANT: Blenkowski, Michael J.
/ APPLICANT: Heinrikson, Robert L.
/ APPLICANT: Parodi, Luis A.
/ APPLICANT: Yan, Riqiang
/ TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND USES
/ FILE REFERENCE: 28341/6280FG
/ CURRENT FILING DATE: 2001-04-05
/ PRIOR APPLICATION NUMBER: US/09/681,442
/ PRIOR FILING DATE: 1999-10-13
/ PRIOR APPLICATION NUMBER: 09/416,901
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: 09/155,493
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: 09/404,133
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: PCT/US99/20881
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: 60/101,594
/ PRIOR FILING DATE: 1998-09-24
/ NUMBER OF SEQ ID NOS: 73
/ SOFTWARE: PatentIn Ver. 2.0

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US-09-681-442-1

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; Publication No. US20030077226A1
; GENERAL INFORMATION:
; APPLICANT: Belinkowski et al
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 28341/6280M
; CURRENT APPLICATION NUMBER: US/09/869,414
; CURRENT FILING DATE: 2001-06-27

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? PRIOR APPLICATION NUMBER: 09/416,901
? PRIOR FILING DATE: 1999-10-13
? PRIOR APPLICATION NUMBER: 60/155,493
? PRIOR FILING DATE: 1999-09-23
? PRIOR APPLICATION NUMBER: 09/404,133
? PRIOR FILING DATE: 1999-09-23
? PRIOR APPLICATION NUMBER: PCT/US99/20681
? PRIOR FILING DATE: 1999-09-23
? PRIOR APPLICATION NUMBER: 60/101,594
? PRIOR FILING DATE: 1998-09-24
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US-09-869-414-1

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Matches 1804;   Conservative 0;   Mismatches 0;   Indels 0;   Gaps 0;

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QY	61	GGCCCGAGACTGAGCCCGCGCGCCCTTCACTGCTGACCTCTCGGGGTGGCGCGGCAAGAAC	120
Db	61	GGCCCGAGACTGAGCCCGCGCGCCCTTCACTGCTGACCTCTCGGGGTGGCGCGGCAAGAAC	120
QY	121	CGGTATGTGGGCGCCACCCCGGGACCCGTCGCGCAGAGCGCCACAGCGCAAGGCTTG	180
Db	121	CGGTATGTGGGCGCCACCCCGGGACCCGTCGCGCAGAGCGCCACAGCGCAAGGCTTG	180
QY	181	GGCGTGGCCCTGGAAGCTGTGCTGTGGCGTCCCCCGCGGGCGCGGCAACTTCTTGCGCATG	240
Db	181	GGCGTGGCCCTGGAAGCTGTGCTGTGGCGTCCCCCGCGGGCGCGGCAACTTCTTGCGCATG	240
QY	241	GTATGACAACTGTGACAGGGGGAATCTGTGCGCGGGCTTATCTGTGAGATGTCTGATCGGGAC	300
Db	241	GTATGACAACTGTGACAGGGGGAATCTGTGCGCGGGCTTATCTGTGAGATGTCTGATCGGGAC	300
QY	301	CCCCGCGAGAGCTACAAATTCTGCTTGAACACTGGAAAGAGTAACCTTGTGCGTGGCAGGA	360
Db	301	CCCCGCGAGAGCTACAAATTCTGCTTGAACACTGGAAAGAGTAACCTTGTGCGTGGCAGGA	360
QY	361	ATCCCGGCACTCTTATATATGACACGTACTTTTGAACAAGAGGTCTAGACAATACCGCTCC	420
Db	361	ATCCCGGCACTCTTATATATGACACGTACTTTTGAACAAGAGGTCTAGACAATACCGCTCC	420
QY	421	AAGGGCTTGAAGTCAACAGTAAATGACACAAGAGAGCTGAGACGGGCTTCGTGTGGGAA	480
Db	421	AAGGGCTTGAAGTCAACAGTAAATGACACAAGAGAGCTGAGACGGGCTTCGTGTGGGAA	480
QY	481	GACCTGTGTCATCTCCCAAGGCTTCAATCTTCTTTCTGTCAACATTCGCACTATT	540
Db	481	GACCTGTGTCATCTCCCAAGGCTTCAATCTTCTTTCTGTCAACATTCGCACTATT	540
QY	541	TTTGAATCAGAAATTTCTTTTGGCTGGGATTAATGAAATGGAATCACTGTGCTAGCT	600
Db	541	TTTGAATCAGAAATTTCTTTTGGCTGGGATTAATGAAATGGAATCACTGTGCTAGCT	600
QY	601	TATGCCACACTTGGCAGAGCATCAAGTTCTGTGAGACTTCTTGCATCTCCCTGTGTGACA	660
Db	601	TATGCCACACTTGGCAGAGCATCAAGTTCTGTGAGACTTCTTGCATCTCCCTGTGTGACA	660
QY	661	CAAGCAAAACATCCCAAGTTTTCTCATGACAGATGTGTGAGCGGCTTGCCCGTTGCT	720
Db	661	CAAGCAAAACATCCCAAGTTTTCTCATGACAGATGTGTGAGCGGCTTGCCCGTTGCT	720
QY	721	GGATCTGGGACCAACGAGAGTAGTCTTGCTTGGGTGAAATTAACCAAGTTGTATAA	780
Db	721	GGATCTGGGACCAACGAGAGTAGTCTTGCTTGGGTGAAATTAACCAAGTTGTATAA	780

APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C27
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR FILING DATE: 1998-04-01

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PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637

[illegible]

QY 1081 TACCTAGAGATGAGAACTCCAGAGGCTATCCGTATCACAATCCGCTCAGCTTTAC 1140
DB 1174 TACCTAGAGAGAGAACTCCAGAGGCTATCCGTATCACAATCCGCTCAGCTTTAC 1233
QY 1141 ATCCAGCCCATGATGGGGGCGGGCTGAAATTAATGAAATTCGATTCGGATTTCCCA 1200
DB 1234 ATCCAGCCCATGATGGGGGCGGGCTGAAATTAATGAAATTCGATTCGGATTTCCCA 1293
QY 1201 TCCAAATGCGCTGATGATCGGTGCAACGATGATGAGGGCTTCTAGATCTTGAC 1260
DB 1294 TCCAAATGCGCTGATGATCGGTGCAACGATGATGAGGGCTTCTAGATCTTGAC 1353
QY 1261 AGAGCCCAAGAGGCTGGGCTCCAGAGGCTTCTAGATCTTGAC 1320
DB 1354 AGAGCCCAAGAGGCTGGGCTCCAGAGGCTTCTAGATCTTGAC 1413
QY 1321 GTGTGAAATTTCCGGGCTTTCTCAACAGAGGATGAGGCACTGATGATCCCGCT 1380
DB 1414 GTGTGAAATTTCCGGGCTTTCTCAACAGAGGATGAGGCACTGATGATCCCGCT 1473
QY 1381 CAGTCTTGAAGGAGCCCATTTTGTGATGTTGTCTTATGCGCTCATGAGCGTGTGGA 1440
DB 1474 CAGTCTTGAAGGAGCCCATTTTGTGATGTTGTCTTATGCGCTCATGAGCGTGTGGA 1533
QY 1441 GCATCTCTCTGCTTATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500
DB 1534 GCATCTCTCTGCTTATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1593
QY 1501 CGTGAACCTGAGGCTGCTAATGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1560
DB 1594 CGTGAACCTGAGGCTGCTAATGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1653
QY 1561 GCCAGGCTGAGCTTCAAGCAACATGAACTAGCTATTAAGAAATTAATTTCCAGGCT 1620
DB 1654 GCCAGGCTGAGCTTCAAGCAACATGAACTAGCTATTAAGAAATTAATTTCCAGGCT 1713
QY 1621 AGCAGCCGAGATGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1680
DB 1714 AGCAGCCGAGATGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1773
QY 1681 GCTCCAGATGCTCTTATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1740
DB 1774 GCTCCAGATGCTCTTATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1833
QY 1741 CTCCCTACTTCCAGAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1786
DB 1834 CTCCCTACTTCCAGAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1879

RESULT 12
US-09-999-832A-195
Sequence 195, Application US/09999832A
Publication No. US20020192706A1
GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Oliang
APPLICANT: Gerber, Hanspeter
APPLICANT: Getliffe, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavich, Ivar J.
APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P26301C63
CURRENT APPLICATION NUMBER: US/09/999,832A
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER:	60/085637

Query Match	98.9%	Score 1784.4;	DB 9;	Length 1879;
Best Local Similarity	99.9%;	Pred. No. 0;		
Matches 1785; Conservative	0;	Mismatches	1;	Indels 0; Gaps 0;

[illegible]

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QY 601 TATGCCAATCTTGGCAAGCCATCAAGTTCTCTGAGACCTTCTTGAATCTTGGTGA 660
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Db 874 GAGACATCTGATTAATCCCTTAATTAAGAAAGATGATTAATCCATGGAATTTGAAA 933
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Db 934 TTGAAATTTGAGGCAAGCTTATCTGATGAGATGAGATTAATGAGCAAGAGCC 993
QY 901 ATCTGAGAGATGAGCAAGCTTATCTGATGAGATGAGATTAATGAGCAAGAGCC 960
Db 994 ATCTGAGAGATGAGCAAGCTTATCTGATGAGATGAGATTAATGAGCAAGAGCC 1053
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Db 1234 ATTCAAGCCATGATGAGGAGCCGCTGATTAATGGAATTTCTGAGCTGAGCTGAG 1293
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Db 1294 TCCAAATATGCTGTGATGAGGAGCCGCTGATTAATGGAATTTCTGAGCTGAGCTGAG 1353
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QY 1441 GCAATCTCTCTTCTTAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500
Db 1534 GCAATCTCTCTTCTTAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1593
QY 1501 CGTGACCTTGAAGCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1560
Db 1594 CGTGACCTTGAAGCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1653
QY 1561 GCGAGGCTGAGCTGAGCAAGCAATGATGATGATGATGATGATGATGATGATGATGAT 1620
Db 1654 GCGAGGCTGAGCTGAGCAAGCAATGATGATGATGATGATGATGATGATGATGATGAT 1713

QY 1621 AGCAGCCGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1680
Db 1714 AGCAGCCGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1773
QY 1681 GCTCCAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1740
Db 1774 GCTCCAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1833
QY 1741 CTCCTTACTTCAAGAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1786
Db 1834 CTCCTTACTTCAAGAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1879
RESULT 13
US-09-978-189-195
Sequence 195, Application US/09978189
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deeneyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Klujevin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C7
CURRENT APPLICATION NUMBER: US/09/978,189
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918565
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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Mon Mar 22 15:20:49 2004

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US-09-978-585A-195

GENERAL INFORMATION:

APPLICANT: Baker Kevin P

APPLICANT: Desnoyers, Luc
: Eaton Dan

APPLICANT: Filvaroff, Elie

APPLICANT: Gerber, Hanspet

APPLICANT: Godowski, Paul

APPLICANT: Gurney, Austin

APPLICANT: Kuo, Sophia S.

APPLICANT: Paoni, Nicholas

APPLICANT: Shelton, David

APPLICANT: Wood, William I

FILE REFERENCE: P2630P1C15

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; CURRENT FILING DATE: 2001-
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SEQ ID NO 195

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05-07-518-585A-195

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GenCore version 5.1.6
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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ALIGNMENTS

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Sequence 2, Application US/09794927
Patent No. US20010016324A1
GENERAL INFORMATION:
APPLICANT: Gurney, Mark E.
APPLICANT: Bienkowski, Michael J.
APPLICANT: Heinrichson, Robert L.
APPLICANT: Parodi, Luis A.
APPLICANT: Yan, Rigdang
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
TITLE OF INVENTION: USES
FILE REFERENCE: 28341/6280FG
CURRENT APPLICATION NUMBER: US/09/794,927
CURRENT FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: 09/416,901
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/155,493
PRIOR FILING DATE: 1999-09-23
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PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 60/101,594
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 73
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LENGTH: 518
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US-09-794-927-2
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Best Local Similarity 100.0%; Pred. No. 3.8e-240;
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DB 241 GSGTNGSLVGGIPELSLYKGDWYTPIKEEMYYQIEILKLEIGGOSLNDCREYNADKA 300
QY 301 IVDSGTTLRLPQKVFDAVAVARASLIPEFSDGFWTGSQACWNTSETPMSYEPKISI 360
DB 301 IVDSGTTLRLPQKVFDAVAVARASLIPEFSDGFWTGSQACWNTSETPMSYEPKISI 360
QY 361 YLDENSSRSFRITILLPOLYIQPMGAGLNYECYRFGISPSITNALVIGATVWEGFYVFD 420
DB 361 YLDENSSRSFRITILLPOLYIQPMGAGLNYECYRFGISPSITNALVIGATVWEGFYVFD 420
QY 421 RAQKRVGFAPCAEIAAGAVSEISGPFSTEDVANCVPAOSISEPIIMTVSYALMSVCG 480
DB 421 RAQKRVGFAPCAEIAAGAVSEISGPFSTEDVANCVPAOSISEPIIMTVSYALMSVCG 480
QY 481 AILVLIVLILLPFCQRRPRDPEVNDSSLVRRHWK 518
DB 481 AILVLIVLILLPFCQRRPRDPEVNDSSLVRRHWK 518

RESULT 2
US-09-795-847-2
Sequence 2, Application US/09795847
Patent No. US20010018208A1
GENERAL INFORMATION:
APPLICANT: Gurney, Mark E.
APPLICANT: Bienkowski, Michael J.
APPLICANT: Heinrichson, Robert L.
APPLICANT: Parodi, Luis A.
APPLICANT: Yan, Riqiang
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
TITLE OF INVENTION: USES
FILE REFERENCE: 28341/62808C
CURRENT FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: US/09/795,847
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: 09/416,901
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/155,493
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 09/404,133
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: PCT/US99/20881
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 60/101,594
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 518
TYPE: PRT
ORGANISM: Homo sapiens
US-09-795-847-2

Query Match 100.0%; Score 2687; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 3.8e-240;

Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MGALAPALLPLLAQWLLRAAPBELAPFTLLPFLVAAATNRVVAFTPGCTPAERHADGL 60
DB 1 MGALAPALLPLLAQWLLRAAPBELAPFTLLPFLVAAATNRVVAFTPGCTPAERHADGL 60
QY 61 AALBPALASPAGANFLAMVDNLQDSDRGYYLEMLIGTPPOKQIILVDTGSSNFAVAG 120
DB 61 AALBPALASPAGANFLAMVDNLQDSDRGYYLEMLIGTPPOKQIILVDTGSSNFAVAG 120
QY 121 TPHSYIDTYFDTERSTYSKSGFDVTVKYTGSGWTFVGEDLVITI PKGFNTSFLVNIATI 180
DB 121 TPHSYIDTYFDTERSTYSKSGFDVTVKYTGSGWTFVGEDLVITI PKGFNTSFLVNIATI 180
QY 161 FESENFPLPGIKMNGILGLAYATLAKPSSSLETFPDSLVTOANIPNFSMOMCGALPVA 240
DB 161 FESENFPLPGIKMNGILGLAYATLAKPSSSLETFPDSLVTOANIPNFSMOMCGALPVA 240
QY 241 GSGTNGSLVGGIPELSLYKGDWYTPIKEEMYYQIEILKLEIGGOSLNDCREYNADKA 300
DB 241 GSGTNGSLVGGIPELSLYKGDWYTPIKEEMYYQIEILKLEIGGOSLNDCREYNADKA 300
QY 301 IVDSGTTLRLPQKVFDAVAVARASLIPEFSDGFWTGSQACWNTSETPMSYEPKISI 360
DB 301 IVDSGTTLRLPQKVFDAVAVARASLIPEFSDGFWTGSQACWNTSETPMSYEPKISI 360
QY 361 YLDENSSRSFRITILLPOLYIQPMGAGLNYECYRFGISPSITNALVIGATVWEGFYVFD 420
DB 361 YLDENSSRSFRITILLPOLYIQPMGAGLNYECYRFGISPSITNALVIGATVWEGFYVFD 420
QY 421 RAQKRVGFAPCAEIAAGAVSEISGPFSTEDVANCVPAOSISEPIIMTVSYALMSVCG 480
DB 421 RAQKRVGFAPCAEIAAGAVSEISGPFSTEDVANCVPAOSISEPIIMTVSYALMSVCG 480
QY 481 AILVLIVLILLPFCQRRPRDPEVNDSSLVRRHWK 518
DB 481 AILVLIVLILLPFCQRRPRDPEVNDSSLVRRHWK 518

RESULT 3
US-09-794-743-2
Sequence 2, Application US/09794743
Patent No. US20010021391A1
GENERAL INFORMATION:
APPLICANT: Gurney, Mark E.
APPLICANT: Bienkowski, Michael J.
APPLICANT: Heinrichson, Robert L.
APPLICANT: Parodi, Luis A.
APPLICANT: Yan, Riqiang
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
TITLE OF INVENTION: USES
FILE REFERENCE: 28341/62808C
CURRENT FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: US/09/794,743
PRIOR FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: 09/416,901
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/155,493
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 09/404,133
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: PCT/US99/20881
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101,594
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 518
TYPE: PRT
ORGANISM: Homo sapiens
US-09-794-743-2

Query Match 100.0%; Score 2687; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 3.8e-240;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGALRRALLPLLAQWMLRAAPBLAPFPLPRVAATNRVVAAPPGFPTARRADGL 60
DB 1 MGALRRALLPLLAQWMLRAAPBLAPFPLPRVAATNRVVAAPPGFPTARRADGL 60
QY 61 ALALBPALASPAGANFLAMVDNLQDSSGRGYLEMLIGTPPKQLIIVDTGSSNFAVAG 120
DB 61 ALALBPALASPAGANFLAMVDNLQDSSGRGYLEMLIGTPPKQLIIVDTGSSNFAVAG 120
QY 121 TPHSYIDTYEDTERSSSTRYKSGPDVTKYKTQSGMTGFGVEDLVTTIPKGNTSFLVNIATI 180
DB 121 TPHSYIDTYEDTERSSSTRYKSGPDVTKYKTQSGMTGFGVEDLVTTIPKGNTSFLVNIATI 180
QY 181 FESENFPLPGIKMNGIIGLAAYATLAKPSSSLETFPDSLVTQANIPNVFSQMCGAGLPVA 240
DB 181 FESENFPLPGIKMNGIIGLAAYATLAKPSSSLETFPDSLVTQANIPNVFSQMCGAGLPVA 240
QY 241 GSGTNGGSLVGGIBPSLYKGDVWTPPIKEEMWYQIILKLEIGQSLINDCREYNADKA 300
DB 241 GSGTNGGSLVGGIBPSLYKGDVWTPPIKEEMWYQIILKLEIGQSLINDCREYNADKA 300
QY 301 IVDSGTTLLRLPKQVPAVEAVARASLIPEFSDGFWTGSOLACWNTSETPMSYFPKISI 360
DB 301 IVDSGTTLLRLPKQVPAVEAVARASLIPEFSDGFWTGSOLACWNTSETPMSYFPKISI 360
QY 361 YLRDENSRSFRITLLPOLYIQPMGAGLNEYCYRFGISPSNVALVIGATVMEGFYVFD 420
DB 361 YLRDENSRSFRITLLPOLYIQPMGAGLNEYCYRFGISPSNVALVIGATVMEGFYVFD 420
QY 421 RAQKRVGFAAPCAEIAAGVASEISGPFSTEDVASCVPQOSISEPTLWVSYALMSVCG 480
DB 421 RAQKRVGFAAPCAEIAAGVASEISGPFSTEDVASCVPQOSISEPTLWVSYALMSVCG 480
QY 481 ALLVLIVLLLPFCQRRPRDPEVNDSSLVRRHWK 518
DB 481 ALLVLIVLLLPFCQRRPRDPEVNDSSLVRRHWK 518

RESULT 4
US-09-794-748-2

/ Sequence 2, Application US/09794748
/ Patent No. US20020037315A1
/ GENERAL INFORMATION:
/ APPLICANT: Gurney, Mark E.
/ APPLICANT: Bienkowski, Michael J.
/ APPLICANT: Heinrichson, Robert L.
/ APPLICANT: Parodi, Luis A.
/ APPLICANT: Yan, Riqiang
/ TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
/ TITLE OF INVENTION: USES
/ FILE REFERENCE: 28341/62801L
/ CURRENT APPLICATION NUMBER: US/09/794, 748
/ PRIOR FILING DATE: 2001-02-27
/ PRIOR APPLICATION NUMBER: 09/416,901
/ PRIOR FILING DATE: 1999-10-13
/ PRIOR APPLICATION NUMBER: 60/155,493
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: 09/404,133
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: PCT/US99/20881
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: 60/101,594
/ PRIOR FILING DATE: 1998-09-24
/ NUMBER OF SEQ ID NOS: 73
/ SOFTWARE: Patent Ver. 2.0
/ SEQ ID NO 2
/ LENGTH: 518
/ TYPE: PRT
/ ORGANISM: Homo sapiens

US-09-794-748-2

Query Match 100.0%; Score 2687; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 3.8e-240;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGALRRALLPLLAQWMLRAAPBLAPFPLPRVAATNRVVAAPPGFPTARRADGL 60
DB 1 MGALRRALLPLLAQWMLRAAPBLAPFPLPRVAATNRVVAAPPGFPTARRADGL 60
QY 61 ALALBPALASPAGANFLAMVDNLQDSSGRGYLEMLIGTPPKQLIIVDTGSSNFAVAG 120
DB 61 ALALBPALASPAGANFLAMVDNLQDSSGRGYLEMLIGTPPKQLIIVDTGSSNFAVAG 120
QY 121 TPHSYIDTYEDTERSSSTRYKSGPDVTKYKTQSGMTGFGVEDLVTTIPKGNTSFLVNIATI 180
DB 121 TPHSYIDTYEDTERSSSTRYKSGPDVTKYKTQSGMTGFGVEDLVTTIPKGNTSFLVNIATI 180
QY 181 FESENFPLPGIKMNGIIGLAAYATLAKPSSSLETFPDSLVTQANIPNVFSQMCGAGLPVA 240
DB 181 FESENFPLPGIKMNGIIGLAAYATLAKPSSSLETFPDSLVTQANIPNVFSQMCGAGLPVA 240
QY 241 GSGTNGGSLVGGIBPSLYKGDVWTPPIKEEMWYQIILKLEIGQSLINDCREYNADKA 300
DB 241 GSGTNGGSLVGGIBPSLYKGDVWTPPIKEEMWYQIILKLEIGQSLINDCREYNADKA 300
QY 301 IVDSGTTLLRLPKQVPAVEAVARASLIPEFSDGFWTGSOLACWNTSETPMSYFPKISI 360
DB 301 IVDSGTTLLRLPKQVPAVEAVARASLIPEFSDGFWTGSOLACWNTSETPMSYFPKISI 360
QY 361 YLRDENSRSFRITLLPOLYIQPMGAGLNEYCYRFGISPSNVALVIGATVMEGFYVFD 420
DB 361 YLRDENSRSFRITLLPOLYIQPMGAGLNEYCYRFGISPSNVALVIGATVMEGFYVFD 420
QY 421 RAQKRVGFAAPCAEIAAGVASEISGPFSTEDVASCVPQOSISEPTLWVSYALMSVCG 480
DB 421 RAQKRVGFAAPCAEIAAGVASEISGPFSTEDVASCVPQOSISEPTLWVSYALMSVCG 480
QY 481 ALLVLIVLLLPFCQRRPRDPEVNDSSLVRRHWK 518
DB 481 ALLVLIVLLLPFCQRRPRDPEVNDSSLVRRHWK 518

RESULT 5
US-09-794-925-2

/ Sequence 2, Application US/09794925
/ Patent No. US20020064819A1
/ GENERAL INFORMATION:
/ APPLICANT: Gurney, Mark E.
/ APPLICANT: Bienkowski, Michael J.
/ APPLICANT: Heinrichson, Robert L.
/ APPLICANT: Parodi, Luis A.
/ APPLICANT: Yan, Riqiang
/ TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
/ TITLE OF INVENTION: THEREFOR
/ FILE REFERENCE: 28341/62801H
/ CURRENT APPLICATION NUMBER: US/09/794, 925
/ PRIOR FILING DATE: 2001-02-27
/ PRIOR APPLICATION NUMBER: 09/416,901
/ PRIOR FILING DATE: 1999-10-13
/ PRIOR APPLICATION NUMBER: 60/155,493
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: 09/404,133
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: PCT/US99/20881
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: 60/101,594
/ PRIOR FILING DATE: 1998-09-24
/ NUMBER OF SEQ ID NOS: 73
/ SOFTWARE: Patent Ver. 2.0
/ SEQ ID NO 2
/ LENGTH: 518
/ TYPE: PRT

ORGANISM: Homo sapiens
US-09-794-925-2

Query Match 100.0%; Score 2687; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 3.8e-240;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGALRALLLPLLAQMLRAAPBELAPFTLPLRVAATNRVVAFTPGGTPEARHADGL 60
DB 1 MGALRALLLPLLAQMLRAAPBELAPFTLPLRVAATNRVVAFTPGGTPEARHADGL 60
QY 61 ALALEPALASPAGANFLAMVDNLQDSGRGYILEMLIGTPPOKQIILVDTGSSNFAVAG 120
DB 61 ALALEPALASPAGANFLAMVDNLQDSGRGYILEMLIGTPPOKQIILVDTGSSNFAVAG 120
QY 121 TPHSYIDTYFDTERSSSTYRSKGFDTVTKYTGSGWTGVEGDLVTIPKGFNTSFLVNIATI 180
DB 121 TPHSYIDTYFDTERSSSTYRSKGFDTVTKYTGSGWTGVEGDLVTIPKGFNTSFLVNIATI 180
QY 181 FESSENFPLPGIKMNGILGLAYATLAKSSSLETFFDSLVTOANI PNVSFQMGCGAGLPVA 240
DB 181 FESSENFPLPGIKMNGILGLAYATLAKSSSLETFFDSLVTOANI PNVSFQMGCGAGLPVA 240
QY 241 GSGTNGSLVLGGIPEPSLYKGDIMWTPIKEEMYYQIILKLEIGQSLNDCREYNADKA 300
DB 241 GSGTNGSLVLGGIPEPSLYKGDIMWTPIKEEMYYQIILKLEIGQSLNDCREYNADKA 300
QY 301 IYDSGTTLLRLPQKVDVAVEAVARASLIPEFSDGFWTGSQACWTNSETPMSYFPKISI 360
DB 301 IYDSGTTLLRLPQKVDVAVEAVARASLIPEFSDGFWTGSQACWTNSETPMSYFPKISI 360
QY 361 YLRDENSRSFRITILPOLYIOPMAGLNYECYRFGISPTNALVIGATWEGFYIYFD 420
DB 361 YLRDENSRSFRITILPOLYIOPMAGLNYECYRFGISPTNALVIGATWEGFYIYFD 420
QY 421 RAQKRVGFPAASPCAEIAGAASEISGPFSTEDVANSVCVPAQSLSEPIIMVSYALMSVCG 480
DB 421 RAQKRVGFPAASPCAEIAGAASEISGPFSTEDVANSVCVPAQSLSEPIIMVSYALMSVCG 480
QY 481 AILVLIVLILLPFCQRRPRDPEVYNDSSLVRRHWK 518
DB 481 AILVLIVLILLPFCQRRPRDPEVYNDSSLVRRHWK 518

RESULT 6
US-09-215-450-19
Sequence 19, Application US/09215450
Patent No. US20020068278A1

GENERAL INFORMATION:
APPLICANT: Gliese, Klaus
APPLICANT: Xin, Hong
TITLE OF INVENTION: METASTATIC BREAST AND COLON CANCER REGULATED GENES
FILE REFERENCE: 1451.100 / 210030.447
CURRENT APPLICATION NUMBER: US/09/215 450
CURRENT FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 19
LENGTH: 518
TYPE: PRT
ORGANISM: human
US-09-215-450-19

Query Match 100.0%; Score 2687; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 3.8e-240;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGALRALLLPLLAQMLRAAPBELAPFTLPLRVAATNRVVAFTPGGTPEARHADGL 60
DB 1 MGALRALLLPLLAQMLRAAPBELAPFTLPLRVAATNRVVAFTPGGTPEARHADGL 60
QY 61 ALALEPALASPAGANFLAMVDNLQDSGRGYILEMLIGTPPOKQIILVDTGSSNFAVAG 120
DB 61 ALALEPALASPAGANFLAMVDNLQDSGRGYILEMLIGTPPOKQIILVDTGSSNFAVAG 120

DB 61 ALALEPALASPAGANFLAMVDNLQDSGRGYILEMLIGTPPOKQIILVDTGSSNFAVAG 120
QY 121 TPHSYIDTYFDTERSSSTYRSKGFDTVTKYTGSGWTGVEGDLVTIPKGFNTSFLVNIATI 180
DB 121 TPHSYIDTYFDTERSSSTYRSKGFDTVTKYTGSGWTGVEGDLVTIPKGFNTSFLVNIATI 180
QY 181 FESSENFPLPGIKMNGILGLAYATLAKSSSLETFFDSLVTOANI PNVSFQMGCGAGLPVA 240
DB 181 FESSENFPLPGIKMNGILGLAYATLAKSSSLETFFDSLVTOANI PNVSFQMGCGAGLPVA 240
QY 241 GSGTNGSLVLGGIPEPSLYKGDIMWTPIKEEMYYQIILKLEIGQSLNDCREYNADKA 300
DB 241 GSGTNGSLVLGGIPEPSLYKGDIMWTPIKEEMYYQIILKLEIGQSLNDCREYNADKA 300
QY 301 IYDSGTTLLRLPQKVDVAVEAVARASLIPEFSDGFWTGSQACWTNSETPMSYFPKISI 360
DB 301 IYDSGTTLLRLPQKVDVAVEAVARASLIPEFSDGFWTGSQACWTNSETPMSYFPKISI 360
QY 361 YLRDENSRSFRITILPOLYIOPMAGLNYECYRFGISPTNALVIGATWEGFYIYFD 420
DB 361 YLRDENSRSFRITILPOLYIOPMAGLNYECYRFGISPTNALVIGATWEGFYIYFD 420
QY 421 RAQKRVGFPAASPCAEIAGAASEISGPFSTEDVANSVCVPAQSLSEPIIMVSYALMSVCG 480
DB 421 RAQKRVGFPAASPCAEIAGAASEISGPFSTEDVANSVCVPAQSLSEPIIMVSYALMSVCG 480
QY 481 AILVLIVLILLPFCQRRPRDPEVYNDSSLVRRHWK 518
DB 481 AILVLIVLILLPFCQRRPRDPEVYNDSSLVRRHWK 518

RESULT 7
US-09-681-442-2
Sequence 2, Application US/09681442
Patent No. US20020081634A1

GENERAL INFORMATION:
APPLICANT: Gurney, Mark E.
APPLICANT: Bienkowski, Michael J.
APPLICANT: Helinikson, Robert L.
APPLICANT: Parodi, Luis A.
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
FILE REFERENCE: 28341/6280FG
CURRENT APPLICATION NUMBER: US/09/681,442
CURRENT FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 09/416,901
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/155,493
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 09/404,133
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: PCT/US99/20881
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 60/101,594
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 518
TYPE: PRT
ORGANISM: Homo sapiens
US-09-681-442-2

Query Match 100.0%; Score 2687; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 3.8e-240;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGALRALLLPLLAQMLRAAPBELAPFTLPLRVAATNRVVAFTPGGTPEARHADGL 60
DB 1 MGALRALLLPLLAQMLRAAPBELAPFTLPLRVAATNRVVAFTPGGTPEARHADGL 60
QY 61 ALALEPALASPAGANFLAMVDNLQDSGRGYILEMLIGTPPOKQIILVDTGSSNFAVAG 120
DB 61 ALALEPALASPAGANFLAMVDNLQDSGRGYILEMLIGTPPOKQIILVDTGSSNFAVAG 120

Db 61 ALAEPALASPAGANFLAMVDNLOGDSGRGYLLEMLIGPPQKQILVDTSSNPAVAG 120
Qy 121 TPHSVITPTPTPTSTSTYRSKGPVTVKTYQSGMTGVTGVDLVTIKGNTSFLVNIAFI 180
Db 121 TPHSVITPTPTPTSTSTYRSKGPVTVKTYQSGMTGVTGVDLVTIKGNTSFLVNIAFI 180
Qy 181 FESNFFLPJGKXNGIIGLAVATLAKPSSLETFPDSLVTQANIPIVNFPMQCGAGLPVA 240
Db 181 FESNFFLPJGKXNGIIGLAVATLAKPSSLETFPDSLVTQANIPIVNFPMQCGAGLPVA 240
Qy 241 GSGTNGSLVVGIEPSLYKGDIMYTPIKEXEYVOJIEIKLEIGGSLMDREYNADKA 300
Db 241 GSGTNGSLVVGIEPSLYKGDIMYTPIKEXEYVOJIEIKLEIGGSLMDREYNADKA 300
Qy 301 IVDSGTLRLPQKVPDAVVEAVARASLIPEFSDGFWTGSOLACWTNSETPMSPFKISI 360
Db 301 IVDSGTLRLPQKVPDAVVEAVARASLIPEFSDGFWTGSOLACWTNSETPMSPFKISI 360
Qy 361 YLRDENSRSRRTITLLEQLYIQPMGAGLNEYCYRFGISPTALVYGTWEGYVIFD 420
Db 361 YLRDENSRSRRTITLLEQLYIQPMGAGLNEYCYRFGISPTALVYGTWEGYVIFD 420
Qy 421 RAQRVGFPAASPCAEIAGAAYSEISGPFSTEDVASCVAQSISEPIITVGYALMAYCG 480
Db 421 RAQRVGFPAASPCAEIAGAAYSEISGPFSTEDVASCVAQSISEPIITVGYALMAYCG 480
Qy 481 AILVIVLVLLPFRCCRRRDRPDEVVNDSSLVHRMK 518
Db 481 AILVIVLVLLPFRCCRRRDRPDEVVNDSSLVHRMK 518

RESULT 8
US-09-978-295A-196
Sequence 196, Application US/09978295A
Patent No. US20020156006A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleo
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, U. Christopher
APPLICANT: Guirney, Austen L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1c1
CURRENT APPLICATION NUMBER: US/09/978,295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/07450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/07632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/07791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/07886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2687; DB 9; Length 518;
Best Local Similarity 100.0%; Pred No. 3,8e-240; Indels 0; Gaps 0;
Matches 518; Conservative 0; Mismatches 0;

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DB 61 ALALBPALASPAGAAFLMVDNLQDSGRGYLEMLIGTPPOKLIIVDTGSSNFVAVG 120
QY 121 TPBSYIDTPYDTERSSSTYRSKGFVTVTKYTGSSWTGFGVEDLVITPKGNTSFLVNIATI 180
DB 121 TPBSYIDTPYDTERSSSTYRSKGFVTVTKYTGSSWTGFGVEDLVITPKGNTSFLVNIATI 180
QY 181 FESNFFPLPGIKMNGILGAYATLAPSSLETPEPSIVTQANINNVSMQCGALPVA 240
DB 181 FESNFFPLPGIKMNGILGAYATLAPSSLETPEPSIVTQANINNVSMQCGALPVA 240
QY 241 GSGTNGSLVGGIEPSLYKGDIMWTPPIKEWYQIETIKIEIGQSINTLDCREYNADKA 300
DB 241 GSGTNGSLVGGIEPSLYKGDIMWTPPIKEWYQIETIKIEIGQSINTLDCREYNADKA 300
QY 301 IVDSGTLTLPLQKVDAYVEAVARSLIPERSDGFHWGSCQACNTNSTPMSYEPKISI 360
DB 301 IVDSGTLTLPLQKVDAYVEAVARSLIPERSDGFHWGSCQACNTNSTPMSYEPKISI 360
QY 361 YLRDENSRSRFRITLIPOLYIOPMGAGLNYECYFSGISPTNALVIGATWEGFYVIFD 420
DB 361 YLRDENSRSRFRITLIPOLYIOPMGAGLNYECYFSGISPTNALVIGATWEGFYVIFD 420
QY 421 RAQKRVGFASPCAEIAGAAVSISGPFSTEVANCVPAQSLSEPIIMVSYALMSVCG 480
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US-09-886-143-2
; Sequence 2, Application US/09886143
; Patent No. US2002015991A1
; GENERAL INFORMATION:
; APPLICANT: Cordell, Barbara
; APPLICANT: Schimmoller, Frauke
; APPLICANT: Liu, Yu-Kang
; TITLE OF INVENTION: Modulation of A Levels by
; FILE REFERENCE: SCIOS.022A
; CURRENT APPLICATION NUMBER: US/09/886,143
; CURRENT FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/215,729
; PRIOR FILING DATE: 2000-06-28

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; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
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; TYPE: PRT
; ORGANISM: Homo sapiens
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Best Local Similarity 100.0%; Pred. No. 3,8e-240;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 421 RAQKRVGPAAPCAEIGAAYSEISGPFSTEDVANSVCVPSISEPILIVSIALMSVCG 480
DB 421 RAQKRVGPAAPCAEIGAAYSEISGPFSTEDVANSVCVPSISEPILIVSIALMSVCG 480
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; Sequence 196, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnyere, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.

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 / APPLICANT: Ashkenazi, Avi
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 / APPLICANT: Botstein, David
 / APPLICANT: Desnoves, Luc
 / APPLICANT: Eaton, Dan
 / APPLICANT: Ferrara, Napoleon
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerber, Hanspeter
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 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
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 / APPLICANT: Gueney, Austin L.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Kijavitt, Ivar J.
 / APPLICANT: Kuo, Sophia S.
 / APPLICANT: Napier, Mary A.
 / APPLICANT: Pan, James
 / APPLICANT: Paout, Nicholas F.
 / APPLICANT: Roy, Margaret Ann
 / APPLICANT: Shelton, David L.
 / APPLICANT: Stewart, Daniel
 / APPLICANT: Thomas, Daniel
 / APPLICANT: Williams, P. Mickey
 / APPLICANT: Wood, William I.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2630PIC9
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 / PRIOR FILING DATE: 2001-10-15
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PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2687; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 3.8e-240;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGLARALLPLLAOMLRAABELAPAPFTLPLRVAAATNRVAFPGPGPBRHADDL 60
DB 1 MGLARALLPLLAOMLRAABELAPAPFTLPLRVAAATNRVAFPGPGPBRHADDL 60
QY 61 AALBPALASPAGANFLAMVNLGDSGRGYTLEMLIGTPPOQLVLVDGSSNPAVAG 120
DB 61 AALBPALASPAGANFLAMVNLGDSGRGYTLEMLIGTPPOQLVLVDGSSNPAVAG 120
QY 121 THSYIDTYFDERSTYSKGFVDVYKYGSGWTGFGEDLVITPGFNTSPLVNIAT 180
DB 121 THSYIDTYFDERSTYSKGFVDVYKYGSGWTGFGEDLVITPGFNTSPLVNIAT 180

QY 161 FESSENFLLPGIKNNGIILGLAYATLAKPSSLETFPPDSLYQANTPNVPSKOMGAGLPIYA 240
DB 161 FESSENFLLPGIKNNGIILGLAYATLAKPSSLETFPPDSLYQANTPNVPSKOMGAGLPIYA 240
QY 241 GSGTNGGSLVIGIEPGLYKDIWYPIKEWYQIIEILKEIGGSLNDCREYNADXA 300
DB 241 GSGTNGGSLVIGIEPGLYKDIWYPIKEWYQIIEILKEIGGSLNDCREYNADXA 300
QY 301 IVDGTTLLRPQVFAVVEAARASLIEPFDGFWTGSQACWNTSETPMSPFKISI 360
DB 301 IVDGTTLLRPQVFAVVEAARASLIEPFDGFWTGSQACWNTSETPMSPFKISI 360
QY 361 YLRDENSRSFRITILPOLYIOPMAGALNVECYRFGISPTNALVIGATWMEGFYIFD 420
DB 361 YLRDENSRSFRITILPOLYIOPMAGALNVECYRFGISPTNALVIGATWMEGFYIFD 420
QY 421 RAOKRVGPAASPCAEIAGAASVRIISGPFSEDEYASCVPAOSISEPTLITVSYALMSVCG 480
DB 421 RAOKRVGPAASPCAEIAGAASVRIISGPFSEDEYASCVPAOSISEPTLITVSYALMSVCG 480
QY 481 AILLVLIVLLLPFCQRRPRDPEVYVNDSSILVRHMK 518
DB 481 AILLVLIVLLLPFCQRRPRDPEVYVNDSSILVRHMK 518

RESULT 12
US-09-999-832A-196
Sequence 196, Application US/0999832A
Publication No. US20020192706A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Garber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillman, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tunes, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC3
CURRENT APPLICATION NUMBER: US/09/999, 832A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2687; DB 9; Length 518;
 Best Local Similarity 100.0%; Pred. No. 3,8e-240;
 Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGALAPALILPLIAQWLRAPAPAPPTLPLRYAAATNRVATPPGPTPAERHADGL 60
 DB 1 MGALAPALILPLIAQWLRAPAPAPPTLPLRYAAATNRVATPPGPTPAERHADGL 60
 QY 61 ALALPPLASPAANAFPLAMVNLQDSDRGYYLEMLIGTPPOKLIIVDTGSSNFAVAG 120
 DB 61 ALALPPLASPAANAFPLAMVNLQDSDRGYYLEMLIGTPPOKLIIVDTGSSNFAVAG 120
 QY 121 TPHSYIDYFDTSSSTYSKSGFDVTKYQSGWTGFEYEDLVITPKGFNTSPVNIATI 180
 DB 121 TPHSYIDYFDTSSSTYSKSGFDVTKYQSGWTGFEYEDLVITPKGFNTSPVNIATI 180
 QY 181 FESBNFPLPGIKKNGILGLAYATLAKPSSLETFFDSLVTOANTFNWFSWOMCAGLPVA 240
 DB 181 FESBNFPLPGIKKNGILGLAYATLAKPSSLETFFDSLVTOANTFNWFSWOMCAGLPVA 240
 QY 181 FESBNFPLPGIKKNGILGLAYATLAKPSSLETFFDSLVTOANTFNWFSWOMCAGLPVA 240
 DB 181 FESBNFPLPGIKKNGILGLAYATLAKPSSLETFFDSLVTOANTFNWFSWOMCAGLPVA 240
 QY 241 GSGTNGGSLVAGISBSLYKGDIMWPIKEWYQIEILKEIGQSINLDCREYNADKA 300
 DB 241 GSGTNGGSLVAGISBSLYKGDIMWPIKEWYQIEILKEIGQSINLDCREYNADKA 300
 QY 301 IVDSGTTLLRLPKVDAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFKRISI 360
 DB 301 IVDSGTTLLRLPKVDAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFKRISI 360
 QY 361 YLRDENSRSRFRITIIIPOLYIOPMAGLNYECYRFGISPTNALLVIGATMBEFTYIFD 420
 DB 361 YLRDENSRSRFRITIIIPOLYIOPMAGLNYECYRFGISPTNALLVIGATMBEFTYIFD 420
 QY 421 RAQRVGFAPSPCAEITAGAAVSEISGPFSTEDVASCVPAGSLSEPIIMVSYALMSVCG 480
 DB 421 RAQRVGFAPSPCAEITAGAAVSEISGPFSTEDVASCVPAGSLSEPIIMVSYALMSVCG 480
 QY 481 AILVLIVLILPFCORRRPDEPVNDESSLVRHRMK 518
 DB 481 AILVLIVLILPFCORRRPDEPVNDESSLVRHRMK 518

RESULT 13
 US-09-978-189-196
 Sequence 196, Application US/09978189
 Publication No. US20030004102A1

GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnuyers, Luc
 APPLICANT: Baton, Dan
 APPLICANT: Petrar, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Geriltsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gueney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavlin, Ivar J.

APPLICANT: Ku, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoli, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630P1C7
 CURRENT APPLICATION NUMBER: US/09/978,189
 PRIOR FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077641
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077649
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077791
 PRIOR FILING DATE: 1998-03-12
 PRIOR APPLICATION NUMBER: 60/078004
 PRIOR FILING DATE: 1998-03-13
 PRIOR APPLICATION NUMBER: 60/078886
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078936
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078910
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078939
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079294
 PRIOR FILING DATE: 1998-03-25
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 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: 60/079664
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079689
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079663
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079728
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 PRIOR APPLICATION NUMBER: 60/079786
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079920
 PRIOR FILING DATE: 1998-03-30
 PRIOR APPLICATION NUMBER: 60/079923
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 PRIOR APPLICATION NUMBER: 60/080105
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 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080327
 PRIOR FILING DATE: 1998-04-01

PRIOR APPLICATION NUMBER: 60/080328
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/080333
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/080334
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 PRIOR APPLICATION NUMBER: 60/081070
 PRIOR FILING DATE: 1998-04-08
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 PRIOR APPLICATION NUMBER: 60/082804
 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/082700
 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/082797
 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/082796
 PRIOR FILING DATE: 1998-04-23
 PRIOR APPLICATION NUMBER: 60/083336
 PRIOR FILING DATE: 1998-04-27
 PRIOR APPLICATION NUMBER: 60/083322
 PRIOR FILING DATE: 1998-04-28
 PRIOR APPLICATION NUMBER: 60/083392
 PRIOR FILING DATE: 1998-04-29
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 PRIOR APPLICATION NUMBER: 60/083742
 PRIOR FILING DATE: 1998-04-30
 PRIOR APPLICATION NUMBER: 60/084366
 PRIOR FILING DATE: 1998-05-05
 PRIOR APPLICATION NUMBER: 60/084414
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084441
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084637

PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084639
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084640
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084598
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084600
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084627
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084643
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/085339
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085323
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085582
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085700
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085689
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2687; DB 10; Length 518;
 Best Local Similarity 100.0%; Pred. No. 3,8e-240;
 Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MGALRALLLPLLAOMLLRAAPFLAPFTLLPLRVAATNRVAPTPGGTPEAEHADGL 60
 1 MGALRALLLPLLAOMLLRAAPFLAPFTLLPLRVAATNRVAPTPGGTPEAEHADGL 60
 61 ALALEPRLAPAGAPFLAMVDLQDSRGVYLEMLISTPPQKLIIVDTSSNFAVAG 120
 61 ALALEPRLAPAGAPFLAMVDLQDSRGVYLEMLISTPPQKLIIVDTSSNFAVAG 120
 121 TPBSYIDTYDTERSSITYSKGFVTVKTYQSGWTFVGEDLVITPKGPNISFLVNIATI 180
 121 TPBSYIDTYDTERSSITYSKGFVTVKTYQSGWTFVGEDLVITPKGPNISFLVNIATI 180
 181 PSENFPLPGIKKNGILGLAVYTLAPSSLETFFPSLVTQNIINVSMMCGAGLVA 240
 181 PSENFPLPGIKKNGILGLAVYTLAPSSLETFFPSLVTQNIINVSMMCGAGLVA 240
 241 GSGTNGSLVGLGIEBSLYKGDITWPIKEWYQIIEIKIEIGQSINLDCREYNADKA 300
 241 GSGTNGSLVGLGIEBSLYKGDITWPIKEWYQIIEIKIEIGQSINLDCREYNADKA 300
 301 IVDSGTLLELPQKVDVAVEAVARSLIPESDGFWSQACWTNSTPMSYPRKISI 360
 301 IVDSGTLLELPQKVDVAVEAVARSLIPESDGFWSQACWTNSTPMSYPRKISI 360
 361 YLNDENSSRSFRITILPOLYIOPMGAGLYECYFSGISPTNALVIGATVMEGFYIFD 420
 361 YLNDENSSRSFRITILPOLYIOPMGAGLYECYFSGISPTNALVIGATVMEGFYIFD 420
 421 RAQRVGFAPASPCAEIATAGAASEISPESTEDVANCVAGSLSPILMITSYALMSVCG 480
 421 RAQRVGFAPASPCAEIATAGAASEISPESTEDVANCVAGSLSPILMITSYALMSVCG 480
 481 AILLVILVLLLPFCRCRRPDEYVNDSSLVRRWK 518

Db 481 ALLVLTLLPFCORRRDPEVNDSSLVRRHWK 518

RESULT 14

US-09-978-608A-196
/ Sequence 196, Application US/09978608A
/ Publication No. US20030045462A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey J.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James J.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C22
/ CURRENT APPLICATION NUMBER: US/09/978,608A
/ CURRENT FILING DATE: 2001-10-16
/ NUMBER OF SEQ. ID NOS: 624
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 196
/ LENGTH: 518
/ TYPE: PRT
/ ORGANISM: Homo sapien
US-09-978-608A-196

Query Match 100.0%; Score 2687; DB 10; Length 518;
Best Local Similarity 100.0%; Pred. No. 3.86-240;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGALARALLPQLAQLRAAPLAPAPFTLPLRVAATNRVVAFTPGGTPAERHADGL 60
Db 1 MGALARALLPQLAQLRAAPLAPAPFTLPLRVAATNRVVAFTPGGTPAERHADGL 60
Qy 61 ALALPEPALASPAAGANFLAMVDNLOGDSRGYLLMLIGTPPOKLIIVDTGSSNPAVAG 120
Db 61 ALALPEPALASPAAGANFLAMVDNLOGDSRGYLLMLIGTPPOKLIIVDTGSSNPAVAG 120
Qy 121 TPASVDTYFDTFRSSTYSKGFDTVKTQSGSWTGFGEPLVITPKGFNTSPFVNITAT 180
Db 121 TPASVDTYFDTFRSSTYSKGFDTVKTQSGSWTGFGEPLVITPKGFNTSPFVNITAT 180
Qy 181 FESSENFLLPGIKKNGILGLAVYTLAKPSSSLETFPDSLVTOANIPNVSQMGAGLPVA 240
Db 181 FESSENFLLPGIKKNGILGLAVYTLAKPSSSLETFPDSLVTOANIPNVSQMGAGLPVA 240
Qy 241 GSGTNGSGLVGGIEPSLYKGDIMWTPIKEEYVYQIETIKLEIGGOSLNDCREYNADKA 300
Db 241 GSGTNGSGLVGGIEPSLYKGDIMWTPIKEEYVYQIETIKLEIGGOSLNDCREYNADKA 300
Qy 301 IVDSGTTLLRLPQKFDVAVEAVARASLIPEFSDFWTGSQLACWTNSETPWSYFPKISI 360

Db 301 IVDSGTTLLRLPQKFDVAVEAVARASLIPEFSDFWTGSQLACWTNSETPWSYFPKISI 360
Qy 361 YLRDENSRSRFRITITLQYTIQPMGAGLNYECYRGISSTTALVTGATWEGFYVD 420
Db 361 YLRDENSRSRFRITITLQYTIQPMGAGLNYECYRGISSTTALVTGATWEGFYVD 420
Qy 421 PAQRKVGFAAPCAEIGAIVSEISGFSTEDVANSNCVPAQSLSEPIILWIVSYALMSVCG 480
Db 421 PAQRKVGFAAPCAEIGAIVSEISGFSTEDVANSNCVPAQSLSEPIILWIVSYALMSVCG 480
Qy 481 ALLVLTLLPFCORRRDPEVNDSSLVRRHWK 518
Db 481 ALLVLTLLPFCORRRDPEVNDSSLVRRHWK 518

RESULT 15

US-09-978-585A-196
/ Sequence 196, Application US/09978585A
/ Publication No. US20030049633A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey J.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James J.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C15
/ CURRENT APPLICATION NUMBER: US/09/978,585A
/ CURRENT FILING DATE: 2001-10-16
/ NUMBER OF SEQ. ID NOS: 624
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 196
/ LENGTH: 518
/ TYPE: PRT
/ ORGANISM: Homo sapien
US-09-978-585A-196

Query Match 100.0%; Score 2687; DB 10; Length 518;
Best Local Similarity 100.0%; Pred. No. 3.86-240;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGALARALLPQLAQLRAAPLAPAPFTLPLRVAATNRVVAFTPGGTPAERHADGL 60
Db 1 MGALARALLPQLAQLRAAPLAPAPFTLPLRVAATNRVVAFTPGGTPAERHADGL 60
Qy 61 ALALPEPALASPAAGANFLAMVDNLOGDSRGYLLMLIGTPPOKLIIVDTGSSNPAVAG 120
Db 61 ALALPEPALASPAAGANFLAMVDNLOGDSRGYLLMLIGTPPOKLIIVDTGSSNPAVAG 120

Qy	121	TPHSYIDYFDTERSSITVRSKGPVTVVYTGSGWTFVGEDLVITIPKGFNTSFLVNIATI	180
Db	121	TPHSYIDYFDTERSSITVRSKGPVTVVYTGSGWTFVGEDLVITIPKGFNTSFLVNIATI	180
Qy	181	FESENFPLPGIKMNGIIGLAVATLAKPSSSIETFPDSLVTQANI PNVFSSMOCAGLPVA	240
Db	181	FESENFPLPGIKMNGIIGLAVATLAKPSSSIETFPDSLVTQANI PNVFSSMOCAGLPVA	240
Qy	241	GSGTNGSLVLGIEPSLYKGDINWTPIKEWYQIIEILKEIGGSLNDCREYNADKA	300
Db	241	GSGTNGSLVLGIEPSLYKGDINWTPIKEWYQIIEILKEIGGSLNDCREYNADKA	300
Qy	301	IYDSGTILRLPQKVFDAVAVARASLIPEPSDGFWTGSQOLACWTNSETPMSYFPKISI	360
Db	301	IYDSGTILRLPQKVFDAVAVARASLIPEPSDGFWTGSQOLACWTNSETPMSYFPKISI	360
Qy	361	YLRDENSRSFRITILPOLYTOPMAGALNYECYRFGISPTNALVIGATVMEGFVIFD	420
Db	361	YLRDENSRSFRITILPOLYTOPMAGALNYECYRFGISPTNALVIGATVMEGFVIFD	420
Qy	421	PAQKRVGFPAAPCAEIGAANVSEISGPFSTEDVANSNCVPAQSLSEPIIMIVSYALMSVCG	480
Db	421	PAQKRVGFPAAPCAEIGAANVSEISGPFSTEDVANSNCVPAQSLSEPIIMIVSYALMSVCG	480
Qy	481	AILLVLYVLLLPFRCORRPRDPEVNDSSIVRHRWK	518
Db	481	AILLVLYVLLLPFRCORRPRDPEVNDSSIVRHRWK	518

Search completed: March 18, 2004, 08:04:14
 Job time : 42.9242 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: March 18, 2004, 07:58:49 ; Search time 32.0758 Seconds
(without alignments)
3277.736 Million cell updates/sec

Title: US-09-668-314C-2_COPY_63_468

Sequence: 1 ALPAPALSPAGANFLAMVD.....STEDVASCNCPQASISEPTL 406

Scoring table:

BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/PCR_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
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- 9: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep.*
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- 16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2113	100.0	481	14 US-10-106-698-6366	Sequence 6366, App
2	2113	100.0	518	9 US-09-794-927-2	Sequence 2, App1
3	2113	100.0	518	9 US-09-795-847-2	Sequence 2, App1
4	2113	100.0	518	9 US-09-794-743-2	Sequence 2, App1
5	2113	100.0	518	9 US-09-794-748-2	Sequence 2, App1
6	2113	100.0	518	9 US-09-794-925-2	Sequence 2, App1
7	2113	100.0	518	9 US-09-661-442-2	Sequence 19, App1
8	2113	100.0	518	9 US-09-661-442-2	Sequence 2, App1
9	2113	100.0	518	9 US-09-798-295A-196	Sequence 196, App
10	2113	100.0	518	9 US-09-886-143-2	Sequence 2, App1
11	2113	100.0	518	9 US-09-978-697-196	Sequence 196, App
12	2113	100.0	518	9 US-09-978-192A-196	Sequence 196, App
13	2113	100.0	518	9 US-09-999-832A-196	Sequence 196, App
14	2113	100.0	518	10 US-09-978-189-196	Sequence 196, App
15	2113	100.0	518	10 US-09-978-608A-196	Sequence 196, App

16	2113	100.0	518	10 US-09-978-585A-196	Sequence 196, App
17	2113	100.0	518	10 US-09-978-191A-196	Sequence 196, App
18	2113	100.0	518	10 US-09-978-403A-196	Sequence 196, App
19	2113	100.0	518	10 US-09-978-564A-196	Sequence 196, App
20	2113	100.0	518	10 US-09-999-833A-196	Sequence 196, App
21	2113	100.0	518	10 US-09-981-915A-196	Sequence 196, App
22	2113	100.0	518	10 US-09-978-824-196	Sequence 196, App
23	2113	100.0	518	10 US-09-918-585A-196	Sequence 196, App
24	2113	100.0	518	10 US-09-978-423A-196	Sequence 196, App
25	2113	100.0	518	10 US-09-978-193A-196	Sequence 196, App
26	2113	100.0	518	10 US-09-863-414-2	Sequence 2, App1
27	2113	100.0	518	10 US-09-999-830A-196	Sequence 196, App
28	2113	100.0	518	10 US-09-978-757A-196	Sequence 196, App
29	2113	100.0	518	10 US-09-978-187B-196	Sequence 196, App
30	2113	100.0	518	10 US-09-548-366-2	Sequence 2, App1
31	2113	100.0	518	10 US-09-978-643A-196	Sequence 196, App
32	2113	100.0	518	10 US-09-978-375A-196	Sequence 196, App
33	2113	100.0	518	10 US-09-978-288A-196	Sequence 196, App
34	2113	100.0	518	10 US-09-978-188A-196	Sequence 196, App
35	2113	100.0	518	10 US-09-978-161A-196	Sequence 196, App
36	2113	100.0	518	10 US-09-978-194A-196	Sequence 196, App
37	2113	100.0	518	10 US-09-999-829A-196	Sequence 196, App
38	2113	100.0	518	10 US-09-978-259A-196	Sequence 196, App
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41	2113	100.0	518	10 US-09-978-802A-196	Sequence 196, App
42	2113	100.0	518	12 US-10-164-749A-196	Sequence 72, App1
43	2113	100.0	518	12 US-10-206-915-72	Sequence 72, App1
44	2113	100.0	518	12 US-10-199-670-72	Sequence 72, App1
45	2113	100.0	518	12 US-10-201-858-72	Sequence 72, App1

ALIGNMENTS

RESULT 1
US-10-106-698-6366
Sequence 6366, Application US/10106698
Publication No. US20030109690A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypept
FILE REFERENCE: PA005P1
CURRENT APPLICATION NUMBER: US/10/106,698
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US 60/157,137
PRIOR FILING DATE: 1999-09-29
PRIOR APPLICATION NUMBER: US 60/163,280
PRIOR FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 8564
SOFTWARE: PatentIn Ver. 3.0
SEQ ID NO 6366
LENGTH: 481
TYPE: PRT
ORGANISM: Homo sapiens
US-10-106-698-6366

Query Match 100.0%; Score 2113; DB 14; Length 481;
Best Local Similarity 100.0%; Pred. No. 5.2e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALPAPALSPAGANFLAMVDNQDSGGRYILEMIGTPPQQLIVDTGSSNFAVACTP 60
Db ALPAPALSPAGANFLAMVDNQDSGGRYILEMIGTPPQQLIVDTGSSNFAVACTP 85
QY 61 HSYIDYPTRESSTSRKSGPDVTVKYQSGTGVGSDVTVIPKPTSLVNATTFE 120
Db HSYIDYPTRESSTSRKSGPDVTVKYQSGTGVGSDVTVIPKPTSLVNATTFE 145
QY 86 HSYIDYPTRESSTSRKSGPDVTVKYQSGTGVGSDVTVIPKPTSLVNATTFE 145
Db 121 SENFFPGIKMNGIIGLAVATLAKSSSLTFEFDLVQANIPNVFSQMGAGIPVAGS 180

RESULT 2
US-09-794-927-2
: Sequence 2, Application US/05794927
: Patent No. US20010016324A1
: GENERAL INFORMATION:
: APPLICANT: Gurney, Mark E.
: APPLICANT: Blenkowski, Michael J.
: APPLICANT: Heinrichson, Robert L.
: APPLICANT: Parodi, Luis A.
: TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
: TITLE OF INVENTION: US\$
: TITLE OF INVENTION: THEREFOR
: FILE REFERENCE: 28341/6280RG
: CURRENT APPLICATION NUMBER: US/09/794,927
: CURRENT FILING DATE: 2001-02-27
: PRIOR APPLICATION NUMBER: 09/416,901
: PRIOR FILING DATE: 1999-10-13
: PRIOR APPLICATION NUMBER: 60/155,493
: PRIOR FILING DATE: 1999-09-23
: PRIOR APPLICATION NUMBER: 09/404,133
: PRIOR FILING DATE: 1999-09-23
: PRIOR APPLICATION NUMBER: PCT/US99/20881
: PRIOR FILING DATE: 1999-09-23
: PRIOR APPLICATION NUMBER: 60/101,594
: PRIOR FILING DATE: 1998-09-24
: NUMBER OF SEQ ID NOS: 75
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 2
: LENGTH: 518
: TYPE: FRT
: ORGANISM: Homo sapiens
US-09-794-927-2

QY 24 DSGTTLIRLPQKVFEDVAVARABLLIEPFDGFWTSGLACMNSTSPMSYFPKIS IYL 300

QY 303 DSGTTLIRLPQKVFEDVAVARABLLIEPFDGFWTSGLACMNSTSPMSYFPKIS IYL 352

QY 301 RDNSRSRPITILLPOLYQPMMGGLVCEYCRGISPSTALVIGATWVEGFVIFDRA 360

Db 363 RDNSRSRPITILLPOLYQPMMGGLVCEYCRGISPSTALVIGATWVEGFVIFDRA 422

QY 361 QKRVFPASPQCEIAGAAVSEISGFSTEDVAASNCVPAQSISEPI L 406

Db 423 QKRVFPASPQCEIAGAAVSEISGFSTEDVAASNCVPAQSISEPI L 468

Query Match:	100.0%	Score 2113	DB 9	Length 518;
Best Local Similarity	100.0%	Pred. No. 5.8e-203;		
Matches 406;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0
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Db	63	ALBPALASPAAGANFLAMVNDLQGDSGRGYILENLIGTPPOKQIILVDTSSNPAVAGTP	122	
QY	61	HSYIIDYFPTBSSSTYRSKGPVNTYKYIQSGMTGPEBDELVTLPKGNISFLVNIAITPE	120	
Db	123	HSYIIDYFPTBSSSTYRSKGPVNTYKYIQSGMTGPEBDELVTLPKGNISFLVNIAITPE	182	
QY	121	SENFPLPGIKMNGIILGLAVATLAKPSSLETFPDSLVTQANIENVFESMOCGAGLPVAGS	180	
Db	183	SENFPLPGIKMNGIILGLAVATLAKPSSLETFPDSLVTQANIENVFESMOCGAGLPVAGS	242	
QY	181	GTNGSLVLCGIEPISLYKGDIMYPIKEEMWYQIEILKLEIGGSLNLDREYNADKATV	240	
Db	243	GTNGSLVLCGIEPISLYKGDIMYPIKEEMWYQIEILKLEIGGSLNLDREYNADKATV	302	
QY	241	DSGTTLLRLPQKVPDAVVEAVARASLIEPFDGFWTSQOLACTMNSSTPMSYPPKISTYL	300	
Db	303	DSGTTLLRLPQKVPDAVVEAVARASLIEPFDGFWTSQOLACTMNSSTPMSYPPKISTYL	362	
QY	301	RDENSRSRFRITTLIPOLYIQPMGAGLNECYRIGISBSINATVIGATVNEGRYIVFDRA	360	

Db 363 RDNSRSRFRITILPOLYIOPMAGAGLYECYRGISPTNALVIGATWEGFYIFDRA 422

QY 361 QKRVGFAASPCAEIAGAASVSEISGPFSTEDVANSNCVPAQSISEPIL 406

Db 423 QKRVGFAASPCAEIAGAASVSEISGPFSTEDVANSNCVPAQSISEPIL 468

RESULT 4

US-09-794-743-2
Sequence 2, Application US/09794743
Patent No. US20010021391A1
GENERAL INFORMATION:
APPLICANT: Gurney, Mark E.
APPLICANT: Bienkowski, Michael J.
APPLICANT: Heinrichson, Robert L.
APPLICANT: Parodi, Luis A.
APPLICANT: Yan, Riqiang
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
TITLE OF INVENTION: USES
FILE REFERENCE: 28341/6280BC
CURRENT APPLICATION NUMBER: US/09/794,743
PRIOR FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: 60/155,493
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/155,493
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 09/404,133
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: PCT/US99/20881
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 60/101,594
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 518
TYPE: PRT
ORGANISM: Homo sapiens
US-09-794-743-2

Query Match 100.0%; Score 2113; DB 9; Length 518;

Best Local Similarity 100.0%; Pred. No. 5.8e-203; Mismatches 0; Indels 0; Gaps 0;

Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALEPALASPAAGANFLAMVDNLQDSGRGYLEMLIGTPPOKLIQILVDTGSSNFAVAGTP 60

Db 63 ALEPALASPAAGANFLAMVDNLQDSGRGYLEMLIGTPPOKLIQILVDTGSSNFAVAGTP 122

QY 61 HSYIDTYFDTERSSSTRSKGFDVTVKYTOGSMTGFGVGEDLVITIPKGFNTSFLVNIATIFE 120

Db 123 HSYIDTYFDTERSSSTRSKGFDVTVKYTOGSMTGFGVGEDLVITIPKGFNTSFLVNIATIFE 182

QY 121 SENFPLPGIKWNGILGLAYATLAKPSSSLETFPDSLVTQANI PNVSQMOCGAGLPVAGS 180

Db 183 SENFPLPGIKWNGILGLAYATLAKPSSSLETFPDSLVTQANI PNVSQMOCGAGLPVAGS 242

QY 181 GINGGSLVYGIEPSLYKGDIMWTPIKEWYQIEILKLEIGGSLNLDCEYNADRAIV 240

Db 243 GINGGSLVYGIEPSLYKGDIMWTPIKEWYQIEILKLEIGGSLNLDCEYNADRAIV 302

QY 241 DSGITLLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQLA CTNSETPMSYFPKISTYL 300

Db 303 DSGITLLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQLA CTNSETPMSYFPKISTYL 362

QY 301 RDNSRSRFRITILPOLYIOPMAGAGLYECYRGISPTNALVIGATWEGFYIFDRA 360

Db 363 RDNSRSRFRITILPOLYIOPMAGAGLYECYRGISPTNALVIGATWEGFYIFDRA 422

QY 361 QKRVGFAASPCAEIAGAASVSEISGPFSTEDVANSNCVPAQSISEPIL 406

Db 423 QKRVGFAASPCAEIAGAASVSEISGPFSTEDVANSNCVPAQSISEPIL 468

RESULT 5

US-09-794-748-2
Sequence 2, Application US/09794748
Patent No. US20020037315A1
GENERAL INFORMATION:
APPLICANT: Gurney, Mark E.
APPLICANT: Bienkowski, Michael J.
APPLICANT: Heinrichson, Robert L.
APPLICANT: Parodi, Luis A.
APPLICANT: Yan, Riqiang
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
TITLE OF INVENTION: USES
FILE REFERENCE: 28341/6280JL
CURRENT APPLICATION NUMBER: US/09/794,748
PRIOR FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: 60/155,493
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/155,493
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 09/404,133
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: PCT/US99/20881
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 60/101,594
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 518
TYPE: PRT
ORGANISM: Homo sapiens
US-09-794-748-2

Query Match 100.0%; Score 2113; DB 9; Length 518;

Best Local Similarity 100.0%; Pred. No. 5.8e-203; Mismatches 0; Indels 0; Gaps 0;

Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALEPALASPAAGANFLAMVDNLQDSGRGYLEMLIGTPPOKLIQILVDTGSSNFAVAGTP 60

Db 63 ALEPALASPAAGANFLAMVDNLQDSGRGYLEMLIGTPPOKLIQILVDTGSSNFAVAGTP 122

QY 61 HSYIDTYFDTERSSSTRSKGFDVTVKYTOGSMTGFGVGEDLVITIPKGFNTSFLVNIATIFE 120

Db 123 HSYIDTYFDTERSSSTRSKGFDVTVKYTOGSMTGFGVGEDLVITIPKGFNTSFLVNIATIFE 182

QY 121 SENFPLPGIKWNGILGLAYATLAKPSSSLETFPDSLVTQANI PNVSQMOCGAGLPVAGS 180

Db 183 SENFPLPGIKWNGILGLAYATLAKPSSSLETFPDSLVTQANI PNVSQMOCGAGLPVAGS 242

QY 181 GINGGSLVYGIEPSLYKGDIMWTPIKEWYQIEILKLEIGGSLNLDCEYNADRAIV 240

Db 243 GINGGSLVYGIEPSLYKGDIMWTPIKEWYQIEILKLEIGGSLNLDCEYNADRAIV 302

QY 241 DSGITLLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQLA CTNSETPMSYFPKISTYL 300

Db 303 DSGITLLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQLA CTNSETPMSYFPKISTYL 362

QY 301 RDNSRSRFRITILPOLYIOPMAGAGLYECYRGISPTNALVIGATWEGFYIFDRA 360

Db 363 RDNSRSRFRITILPOLYIOPMAGAGLYECYRGISPTNALVIGATWEGFYIFDRA 422

QY 361 QKRVGFAASPCAEIAGAASVSEISGPFSTEDVANSNCVPAQSISEPIL 406

Db 423 QKRVGFAASPCAEIAGAASVSEISGPFSTEDVANSNCVPAQSISEPIL 468

RESULT 6

US-09-794-925-2
Sequence 2, Application US/09794925
Patent No. US20020064819A1
GENERAL INFORMATION:

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/ APPLICANT: Gurney, Mark E.
/ APPLICANT: Bienkowski, Michael J.
/ APPLICANT: Heinrichson, Robert L.
/ APPLICANT: Parodi, Luis A.
/ APPLICANT: Van, Ridgand
/ TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND USES
/ FILE REFERENCE: 28341/6280H1
/ CURRENT FILING DATE: 2001-02-27
/ PRIOR APPLICATION NUMBER: US/09/794,925
/ PRIOR FILING DATE: 1999-10-13
/ PRIOR APPLICATION NUMBER: 60/155,493
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: 09/404,133
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: PCT/US99/20881
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: 60/101,594
/ NUMBER OF SEQ ID NOS: 73
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2
/ LENGTH: 518
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-794-925-2

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Query Match      100.0%; Score 2113; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 5,8e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 63 ALEPALASPAGANFLAMVDNLQDSSGRGYLEMLIGTPQKLIIVDTGSSNFAVAGTP 122
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DB 123 HSYIDTYPDTERRSTYRSKGFVDVVKYTGQSMWTFGVEDLVITPKGFNTSFLVNIATIFE 182
QY 121 SENFFLPQIKWNGILGLAVATLAKPSSSLETFPDSLVTOQANIPVFSMOCGAGLPVAGS 180
DB 183 SENFFLPQIKWNGILGLAVATLAKPSSSLETFPDSLVTOQANIPVFSMOCGAGLPVAGS 242
QY 181 GTNGSLVLAGIEPSLYKGDIVYTPIKEWYQIEILKLEIGQSINLDCREYNADKATV 240
DB 243 GTNGSLVLAGIEPSLYKGDIVYTPIKEWYQIEILKLEIGQSINLDCREYNADKATV 302
QY 241 DSGTTLRLPQKVDVAVEAVARASLIPEFSDGFWTGSQLAQWNTSETPMSYFPKISITVL 300
DB 303 DSGTTLRLPQKVDVAVEAVARASLIPEFSDGFWTGSQLAQWNTSETPMSYFPKISITVL 362
QY 301 RDENSSRSFRITLIPQYIOPMAGAGLVYECYFSGISBSTNALVIGATVMEGFYVIFDRA 360
DB 363 RDENSSRSFRITLIPQYIOPMAGAGLVYECYFSGISBSTNALVIGATVMEGFYVIFDRA 422
QY 361 QKRVGFASPCAEIAGAASEISGPFSTEDVANSNCVPAQSLSEPIIL 406
DB 423 QKRVGFASPCAEIAGAASEISGPFSTEDVANSNCVPAQSLSEPIIL 468

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RESULT 7
US-09-215-450-19
/ Sequence 19, Application US/09215450
/ Patent No US20020068278A1
/ GENERAL INFORMATION:
/ APPLICANT: Giese, Klaus
/ APPLICANT: Xun, Hong
/ TITLE OF INVENTION: METASTATIC BREAST AND COLON CANCER REGULATED GENES
/ FILE REFERENCE: 1451.100 / 210030.447
/ CURRENT APPLICATION NUMBER: US/09/215,450
/ CURRENT FILING DATE: 1998-12-17
/ NUMBER OF SEQ ID NOS: 27

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/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 19
/ LENGTH: 518
/ TYPE: PRT
/ ORGANISM: human
US-09-215-450-19

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Query Match      100.0%; Score 2113; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 5,8e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 ALEPALASPAGANFLAMVDNLQDSSGRGYLEMLIGTPQKLIIVDTGSSNFAVAGTP 60
DB 63 ALEPALASPAGANFLAMVDNLQDSSGRGYLEMLIGTPQKLIIVDTGSSNFAVAGTP 122
QY 61 HSYIDTYPDTERRSTYRSKGFVDVVKYTGQSMWTFGVEDLVITPKGFNTSFLVNIATIFE 120
DB 123 HSYIDTYPDTERRSTYRSKGFVDVVKYTGQSMWTFGVEDLVITPKGFNTSFLVNIATIFE 182
QY 121 SENFFLPQIKWNGILGLAVATLAKPSSSLETFPDSLVTOQANIPVFSMOCGAGLPVAGS 180
DB 183 SENFFLPQIKWNGILGLAVATLAKPSSSLETFPDSLVTOQANIPVFSMOCGAGLPVAGS 242
QY 181 GTNGSLVLAGIEPSLYKGDIVYTPIKEWYQIEILKLEIGQSINLDCREYNADKATV 240
DB 243 GTNGSLVLAGIEPSLYKGDIVYTPIKEWYQIEILKLEIGQSINLDCREYNADKATV 302
QY 241 DSGTTLRLPQKVDVAVEAVARASLIPEFSDGFWTGSQLAQWNTSETPMSYFPKISITVL 300
DB 303 DSGTTLRLPQKVDVAVEAVARASLIPEFSDGFWTGSQLAQWNTSETPMSYFPKISITVL 362
QY 301 RDENSSRSFRITLIPQYIOPMAGAGLVYECYFSGISBSTNALVIGATVMEGFYVIFDRA 360
DB 363 RDENSSRSFRITLIPQYIOPMAGAGLVYECYFSGISBSTNALVIGATVMEGFYVIFDRA 422
QY 361 QKRVGFASPCAEIAGAASEISGPFSTEDVANSNCVPAQSLSEPIIL 406
DB 423 QKRVGFASPCAEIAGAASEISGPFSTEDVANSNCVPAQSLSEPIIL 468

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RESULT 8
US-09-681-442-2
/ Sequence 2, Application US/09681442
/ Patent No. US20020081634A1
/ GENERAL INFORMATION:
/ APPLICANT: Gurney, Mark E.
/ APPLICANT: Bienkowski, Michael J.
/ APPLICANT: Heinrichson, Robert L.
/ APPLICANT: Parodi, Luis A.
/ APPLICANT: Van, Ridgand
/ TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND USES
/ FILE REFERENCE: 28341/6280FG
/ CURRENT APPLICATION NUMBER: US/09/681,442
/ CURRENT FILING DATE: 2001-04-05
/ PRIOR APPLICATION NUMBER: 09/416,901
/ PRIOR FILING DATE: 1999-10-13
/ PRIOR APPLICATION NUMBER: 60/155,493
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: 09/404,133
/ PRIOR FILING DATE: 1999-09-23
/ PRIOR APPLICATION NUMBER: PCT/US99/20881
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101,594
/ NUMBER OF SEQ ID NOS: 73
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2
/ LENGTH: 518
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-681-442-2

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Query Match 100.0%; Score 2113; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 5,8e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALEPLAPAGANFLAVNDLQDSSRGYYLEMLITPPQKQIIVDTGSSNFVAGTP 60
DB 63 ALEPLAPAGANFLAVNDLQDSSRGYYLEMLITPPQKQIIVDTGSSNFVAGTP 122
QY 61 HSYIDYPTDTERSSSTYSKGFVYVKTQGSMTGFGVEDIVTIPKGFNTSFLVNTIPE 120
DB 123 HSYIDYPTDTERSSSTYSKGFVYVKTQGSMTGFGVEDIVTIPKGFNTSFLVNTIPE 182
QY 121 SENFPLPGIKWNGILGLAYATLAPSSSLTFPDSLVTONINVFSSMOCGAGLPVAGS 180
DB 183 SENFPLPGIKWNGILGLAYATLAPSSSLTFPDSLVTONINVFSSMOCGAGLPVAGS 242
QY 181 GTNGSLVLGIEESLVKGDIMWTPIKEWYQIIEIKLIGGQSLNDCREYNADKATV 240
DB 243 GTNGSLVLGIEESLVKGDIMWTPIKEWYQIIEIKLIGGQSLNDCREYNADKATV 302
QY 241 DSGTTLRLPKQVDAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKXISYL 300
DB 303 DSGTTLRLPKQVDAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKXISYL 362
QY 301 RDENSSRSFRITLIPOLYIOPMAGLNYECYRFGISPSNNAIVGATMEEPFYVTFDRA 360
DB 363 RDENSSRSFRITLIPOLYIOPMAGLNYECYRFGISPSNNAIVGATMEEPFYVTFDRA 422
QY 361 QKRVGFAASPCAEIAGAASEISGPFSTEDVANCVPAQSLSEPIIL 406
DB 423 QKRVGFAASPCAEIAGAASEISGPFSTEDVANCVPAQSLSEPIIL 468

RESULT 9
US-09-978-295A-196
Sequence 196, Application US/09978295A
Patent No. US20020156006A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gottlieb, Mary E.
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C11
CURRENT APPLICATION NUMBER: US/09/978,295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17
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PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2113; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 5.8e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALEPALASPGANFLAMVDNLOQDSGRGYLEMLIGTPPOKQILVDTGSSNFAVACTP 60
DB 63 ALEPALASPGANFLAMVDNLOQDSGRGYLEMLIGTPPOKQILVDTGSSNFAVACTP 122
QY 61 HSYIDYFOTDERSSSTRSKGPDVYKYTGSGTWGVGEDLVITIPKGFMTSEFVNATIFE 120
DB 123 HSYIDYFOTDERSSSTRSKGPDVYKYTGSGTWGVGEDLVITIPKGFMTSEFVNATIFE 182
QY 121 SENFPLPGIKMNGILGLAVATLAKPSSSLETFDSLVTOANIPNFSMOMGAGLPVAGS 180
DB 183 SENFPLPGIKMNGILGLAVATLAKPSSSLETFDSLVTOANIPNFSMOMGAGLPVAGS 242
QY 181 GTNGSGLVGLIIPSLIKEDIMWTPKEMWYQIILKLEIGGSLINDCEYNADKAIY 240
DB 243 GTNGSGLVGLIIPSLIKEDIMWTPKEMWYQIILKLEIGGSLINDCEYNADKAIY 302
QY 241 DSGTTLRLPQKVFDAVAVARASLIPFSDGFWTGSOLACWTSETPWGFPRISLYL 300
DB 303 DSGTTLRLPQKVFDAVAVARASLIPFSDGFWTGSOLACWTSETPWGFPRISLYL 362
QY 301 RDNSSSRSPRITTLIPOLYIQPMGAGLNECTRFGISSTNNAVIGATWMEGFYIFPRA 360
DB 363 RDNSSSRSPRITTLIPOLYIQPMGAGLNECTRFGISSTNNAVIGATWMEGFYIFPRA 422
QY 361 QKRVFASPACETIAGAAYSEISGPFSTEDVANSNCVPAQSEPTIL 406
DB 423 QKRVFASPACETIAGAAYSEISGPFSTEDVANSNCVPAQSEPTIL 468

RESULT 10
US-09-886-143-2
Sequence 2, Application US/09886143
Patent No. US2002015991A1
GENERAL INFORMATION:
APPLICANT: Cordell, Barbara
APPLICANT: Schimmoller, Frauke
APPLICANT: Liu, Yu-Wang
APPLICANT: Quon, Diana Hom
TITLE OF INVENTION: Modulation of A Levels by
FILE REFERENCE: SCIOS.022A
CURRENT APPLICATION NUMBER: US/09/886,143
CURRENT FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: 60/215,729
PRIOR FILING DATE: 2000-06-28
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 518
TYPE: PRT
ORGANISM: Homo sapiens
US-09-886-143-2

Query Match 100.0%; Score 2113; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 5,8e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALEPLASPAAGAAFLAVNDLQSDSGRGYYLEMLISTGPQKQIIVDQSSNFAVAGTP 60
DB 63 ALEPLASPAAGAAFLAVNDLQSDSGRGYYLEMLISTGPQKQIIVDQSSNFAVAGTP 122
QY 61 HSYIDYPTDTERSSSTYSKSGFDVTVKYTGSGMTGVEGDVITPKGFNTSFLVNTATPE 120
DB 123 HSYIDYPTDTERSSSTYSKSGFDVTVKYTGSGMTGVEGDVITPKGFNTSFLVNTATPE 182
QY 121 SENFPLGKIKWNGILGLAVATLAKPSSLETFPPSLVTQNTINWYSMOMCGGLPVAS 180
DB 183 SENFPLGKIKWNGILGLAVATLAKPSSLETFPPSLVTQNTINWYSMOMCGGLPVAS 242
QY 181 GTNGSLVVGIEPSLYKGDIMWTPIKEMWYQIEILKLEIGGQSLNLDQREYNADKATV 240
DB 243 GTNGSLVVGIEPSLYKGDIMWTPIKEMWYQIEILKLEIGGQSLNLDQREYNADKATV 302
QY 241 DSGTTLRLPKQVDAVEAVARASLIPFSDGFWTGSQLAQCTNSETMWSYFKISITL 300
DB 303 DSGTTLRLPKQVDAVEAVARASLIPFSDGFWTGSQLAQCTNSETMWSYFKISITL 362
QY 301 RDESSRSFRITITIPOLYIOPMGAGLNYECYRFGISPSNNAVIGATMGEFYVFDPA 360
DB 363 RDESSRSFRITITIPOLYIOPMGAGLNYECYRFGISPSNNAVIGATMGEFYVFDPA 422
QY 361 QKRVGFASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPII 406
DB 423 QKRVGFASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPII 468

RESULT 11
US-09-978-697-196
Sequence 196, Application US/09978697
Patent No. US20020169284A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Borstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlesen, Mary E.
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC27
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2113; DB 9; Length 518;
 Best Local Similarity 100.0%; Pred No. 5; se-203; Indels 0; Gaps 0;
 Matches 406; Conservative 0; Mismatches 0;

QY	1	ALBEPALSPAGANFLAMVDNLQDSDRGVYLEMLIGTPPQXQLIVDTGSSNFAVAGTP	60
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QY	61	HSYIDTYFDTERSRSTRSKGFDVTVKCTGGSMTGPFVGEDLVITIPKGFNTSFLVNIATIFE	120
DB	123	HSYIDTYFDTERSRSTRSKGFDVTVKCTGGSMTGPFVGEDLVITIPKGFNTSFLVNIATIFE	182
QY	121	SENFELPGIKMNGILGLAVATLAKPSSLETFPDSLVITQANIPNPFQMOCAGLPVAGS	180
DB	183	SENFELPGIKMNGILGLAVATLAKPSSLETFPDSLVITQANIPNPFQMOCAGLPVAGS	242
QY	181	GTNGGSLVIGIIPSLYKGDYWTTPKEKWTYQIEILKLEIGGSLNDCEBNADKAIY	240
DB	243	GTNGGSLVIGIIPSLYKGDYWTTPKEKWTYQIEILKLEIGGSLNDCEBNADKAIY	302
QY	241	DSGTTLLRLPQKVFDAVBEVARASLIPEFSDGFTGSQLACMTSETPWSYFPKISLYL	300
DB	303	DSGTTLLRLPQKVFDAVBEVARASLIPEFSDGFTGSQLACMTSETPWSYFPKISLYL	362
QY	301	RDENSSRSFRITLLPOLYIQPMGAGLNYECYRFGISPTNBLVIGATYMBGFYIIPRA	360
DB	363	RDENSSRSFRITLLPOLYIQPMGAGLNYECYRFGISPTNBLVIGATYMBGFYIIPRA	422
QY	361	QKRVGFAASPCEAIAGAVSEISGPSTEDVANSNCVPAQSISEPIL	406
DB	423	QKRVGFAASPCEAIAGAVSEISGPSTEDVANSNCVPAQSISEPIL	468

RESULT 12
 US-09-978-192A-196
 Sequence 196, Application US/09978192A
 Patent No. US2002017753A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Deenoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
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 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gunney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavlin, Ivar J.

APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630pic9
CURRENT APPLICATION NUMBER: US/09/978,192A
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2113; DB 9; Length 518;
Best Local Similarity 100.0%; Freq. No. 5,8e+203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 181 GTNGGSLVVGIEPSLYKGDITWYPIKEWYQIEIKLEIGQOSINDCREYNADKATV 240
DB 243 GTNGGSLVVGIEPSLYKGDITWYPIKEWYQIEIKLEIGQOSINDCREYNADKATV 302
QY 241 DSGTTLRLPQKVFDAVVEAVARASILPEPSDGGWTSQOLACTNSETPMSEPKISTYL 300
DB 303 DSGTTLRLPQKVFDAVVEAVARASILPEPSDGGWTSQOLACTNSETPMSEPKISTYL 362
QY 301 RDENSRSRFRITLIPQLYIQPMGAGINVECYRRGSPSTNALVIGATWEGFYVIFDRA 360
DB 363 RDENSRSRFRITLIPQLYIQPMGAGINVECYRRGSPSTNALVIGATWEGFYVIFDRA 422
QY 361 QKRVGFASPCAEIAGAAVSEISGPFSTEDVASCVACSLSEPIIL 406
DB 423 QKRVGFASPCAEIAGAAVSEISGPFSTEDVASCVACSLSEPIIL 468

RESULT 13
US-09-999-832A-196
Sequence 196, Application US/09999832A
Publication No. US20020192706A1
GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
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APPLICANT: Gerber, Hanspeter
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APPLICANT: Kuo, Sophia S.
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APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC63
CURRENT APPLICATION NUMBER: US/09/999,832A
PRIOR FILING DATE: 2001-10-24
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PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 2113; DB 9; Length 518;
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Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 423 OKRVGFASPCAEIAGAAVSEISGPFSTEDVASCVPAOSLSRPIIL 468

RESULT 14
US-09-978-189-196
; Sequence 196, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
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; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C7
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
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;; PRIOR FILING DATE: 1998-04-21
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 PRIOR APPLICATION NUMBER: 60/085689
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 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2113; DB 10; Length 518;
 Best Local Similarity 100.0%; Pied. No. 5,8e-203;
 Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALPALASPAGANFLAMDNLOGDSGRGYLMLIGTPPOKQILIVDTGSSNFAVAGTP 60
 DB 63 ALPALASPAGANFLAMDNLOGDSGRGYLMLIGTPPOKQILIVDTGSSNFAVAGTP 122
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 DB 123 HSYIDYFPTERSSTYRSKGFVTVKYGSGTWGVEGLVLIIPKFNTPFVNIATIFE 182
 QY 121 SENFELGIRKNGILGLAVITLAKBSSSIETFFDSLVTOANIENFWSMOCAGLPVAGS 180
 DB 183 SENFELGIRKNGILGLAVITLAKBSSSIETFFDSLVTOANIENFWSMOCAGLPVAGS 242
 QY 181 GINGSLVLGIEPSLYKGIWYTPKEEMWYQIETLKIEIGOSINLDCREYNDAKAV 240
 DB 243 GINGSLVLGIEPSLYKGIWYTPKEEMWYQIETLKIEIGOSINLDCREYNDAKAV 302
 QY 241 DSGTTLRLPOKYPDAVEAVAPASLIPEPSDGFWTGSQLACWNSSEFPWSTFPIKISTYL 300
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 QY 301 RDESSSRFRITLIPOLYIQPMGAGIANTECYRFGISPTNALVIGATMEGFYVIFDRA 360
 DB 363 RDESSSRFRITLIPOLYIQPMGAGIANTECYRFGISPTNALVIGATMEGFYVIFDRA 422
 QY 361 QKRYGFAPSPCAEIIAGAVSEISGPFSTEDVANSNCVPAQSISEPIIL 406
 DB 423 QKRYGFAPSPCAEIIAGAVSEISGPFSTEDVANSNCVPAQSISEPIIL 468

RESULT 15
 US-09-978-608A-196
 Sequence 196, Application US/09978608A
 Publication No. US2003045462A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnovers, Luc
 APPLICANT: Baton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Guiney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavini, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630PIC22
 CURRENT APPLICATION NUMBER: US/09/978,608A
 NUMBER OF SEQ ID NOS: 624
 Prior Application removed - See File Wrapper or Palm
 SEQ ID NO 196
 LENGTH: 518
 TYPE: PRT
 ORGANISM: Homo sapien
 US-09-978-608A-196

Query Match 100.0%; Score 2113; DB 10; Length 518;
Best Local Similarity 100.0%; Pred. No. 5.8e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 123 HSYIDTYFDTERSSSTYRSKGFVTVKYTGSGMTGFVGEDLVITIPKGFNTSFLVNTATIFE 182
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QY 121 SENFELPGIKMNGILGLAVATLAKSSLETFPDSLVTQANTPNVFSMOCGAGLPVAGS 180
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Db 183 SENFELPGIKMNGILGLAVATLAKSSLETFPDSLVTQANTPNVFSMOCGAGLPVAGS 242
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QY 181 GTNGSLVVGIEPSLYKGDIMWTPPIKEWYQIEIKLEIGGQSLNDCREYNADKAIY 240
  |||
Db 243 GTNGSLVVGIEPSLYKGDIMWTPPIKEWYQIEIKLEIGGQSLNDCREYNADKAIY 302
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QY 241 DSGTLLRLPQKVEPAVVEAVARASLIPEPSDGFMTGSQACWTNSETPMSYFPKISTYL 300
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Db 303 DSGTLLRLPQKVEPAVVEAVARASLIPEPSDGFMTGSQACWTNSETPMSYFPKISTYL 362
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QY 301 RDNSSRSRFRITILPOLYIQPMGAGLNECYRFGISPSSTNALVIGATWMEGFYIFDRA 360
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Db 363 RDNSSRSRFRITILPOLYIQPMGAGLNECYRFGISPSSTNALVIGATWMEGFYIFDRA 422
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QY 361 QKRVGFASPCAETAGAAVSRISGPFSTEDVANSNCVPAQSLSEPTL 406
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Db 423 QKRVGFASPCAETAGAAVSRISGPFSTEDVANSNCVPAQSLSEPTL 468
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Job time : 33.0758 secs

GenCore version 5.1.6
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CM protein - protein search, using sw model

Run on: March 18, 2004, 06:48:12 ; Search time 53.9747 Seconds

(without alignments)
249,481 Million cell updates/sec

Title: US-09-877-606-3

Perfect score: 292

Sequence: 1 NHTLTWEDEIRNNYSLIH.....NEQELLEDKMASLWNNFNI 52

Scoring table: BLOSUM62

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA.*
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6: /cgn2_6/ptodata/1/pubpaa/PTCTUS_PUBCOMB.pep.*
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12: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
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16: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
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18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	290	99.3	359	14	US-10-214-670-8
4	290	99.3	519	9	US-09-756-551A-8
5	290	99.3	856	9	US-09-476-242-1
6	290	99.3	856	14	US-10-196-515-11
7	277	94.9	56	9	US-09-779-451-4
8	277	94.9	177	14	US-10-040-349B-2
9	277	94.9	200	15	US-10-263-103-25
10	277	94.9	200	15	US-10-438-691-8
11	277	94.9	221	14	US-10-058-271-84
12	277	94.9	232	14	US-10-058-271-81
13	277	94.9	254	14	US-10-059-271-82
14	277	94.9	256	14	US-10-059-271-97
15	277	94.9	268	9	US-09-854-816-17

16	277	94.9	268	9	US-09-854-816-18	Sequence 18, Appl
17	277	94.9	338	12	US-10-267-682-90	Sequence 90, Appl
18	277	94.9	345	9	US-09-779-451-8	Sequence 8, Appl
19	277	94.9	345	14	US-10-026-741-49	Sequence 49, Appl
20	277	94.9	391	14	US-10-059-271-93	Sequence 93, Appl
21	277	94.9	853	13	US-10-003-035-33	Sequence 33, Appl
22	277	94.9	853	14	US-10-286-332A-33	Sequence 33, Appl
23	277	94.9	853	15	US-10-286-915-33	Sequence 33, Appl
24	277	94.9	853	14	US-10-026-741-103	Sequence 103, Appl
25	277	94.9	1101	13	US-10-003-035-53	Sequence 53, Appl
26	277	94.9	1101	15	US-10-286-332A-53	Sequence 53, Appl
27	277	94.9	1186	13	US-10-003-035-55	Sequence 55, Appl
28	277	94.9	1186	14	US-10-286-332A-55	Sequence 55, Appl
29	277	94.9	1186	15	US-10-286-915-55	Sequence 55, Appl
30	277	94.9	1186	14	US-10-286-915-55	Sequence 55, Appl
31	277	94.9	1186	15	US-10-286-915-55	Sequence 55, Appl
32	277	94.9	1186	14	US-10-286-915-55	Sequence 55, Appl
33	277	94.9	1186	15	US-10-286-915-55	Sequence 55, Appl
34	277	94.9	1186	14	US-10-286-915-55	Sequence 55, Appl
35	277	94.9	1186	15	US-10-286-915-55	Sequence 55, Appl
36	277	94.9	1186	14	US-10-286-915-55	Sequence 55, Appl
37	277	94.9	1186	15	US-10-286-915-55	Sequence 55, Appl
38	277	94.9	1186	14	US-10-286-915-55	Sequence 55, Appl
39	277	94.9	1186	15	US-10-286-915-55	Sequence 55, Appl
40	277	94.9	1186	14	US-10-286-915-55	Sequence 55, Appl
41	277	94.9	1186	15	US-10-286-915-55	Sequence 55, Appl
42	277	94.9	1186	14	US-10-286-915-55	Sequence 55, Appl
43	277	94.9	1186	15	US-10-286-915-55	Sequence 55, Appl
44	277	94.9	1186	14	US-10-286-915-55	Sequence 55, Appl
45	277	94.9	1186	15	US-10-286-915-55	Sequence 55, Appl

ALIGNMENTS

RESULT 1
US-09-854-816-16
Sequence 16, Application US/09854816
Patent No. US20020151473A1
GENERAL INFORMATION:
APPLICANT: Andrew C. Braisted
J. Kevin Judice
Robert S. McDowell
J. Christopher Phelan
Melissa A. Starovanskik
James A. Wells
TITLE OF INVENTION: Constrained Helical Peptides and Methods of Making Same
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSER: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/854,816
FILING DATE: 15-May-2001
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/965,056
FILING DATE: <unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Torchia, PhD., Timothy E.
REGISTRATION NUMBER: 36,700
REFERENCE/DOCKET NUMBER: P1009R2
TELECOMMUNICATION INFORMATION:

Mon Mar 22 15:21:09 2004

us-09-877-606-3.rapb

Page 2

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; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 268 amino acids
;   TYPE: Amino Acid
;   TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-854-816-16

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Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

CY 1 NHTTWLMDREINNTYSLIHSLSIESQOEKNEQELLEDKASLNMWNI 52
Db 154 NHTTWMDREINNTYSLIHSLSIESQOEKNEQELLEDKASLNMWNI 205

RESULT 2
US-10-040-349B-1
; Sequence 1, Application US/10040349B
; Publication No. US20030082521A1
; GENERAL INFORMATION:
; APPLICANT: Brasserie, Robert
; APPLICANT: Charloreaux, Benoit
; APPLICANT: Chevalier, Michel
; APPLICANT: El Hadid, Rasmelle
; APPLICANT: Krell, Tino
; TITLE OF INVENTION: Polypeptide Inducing Antibodies Neutralizing HIV
; FILE REFERENCE: 01-078-A
; CURRENT APPLICATION NUMBER: US/10/040,349B
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 1
; LENGTH: 344
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus type 1
; NAME/KEY: Peptide
; LOCATION: (1)-(344)
; OTHER INFORMATION: gp41 LAI protein
US-10-040-349B-1

Query Match
Best Local Similarity 99.3%; Score 290; DB 14; Length 344;
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

CY 1 NHTTWLMDREINNTYSLIHSLSIESQOEKNEQELLEDKASLNMWNI 52
Db 113 NHTTWMDREINNTYSLIHSLSIESQOEKNEQELLEDKASLNMWNI 164

RESULT 3
US-10-214-670-58
; Sequence 58, Application US/10214670
; Publication No. US20030180715A1
; GENERAL INFORMATION:
; APPLICANT: Tibotec Pharmaceuticals Ltd.
; TITLE OF INVENTION: Methods and means for assessing HIV envelope inhibitor
; FILE REFERENCE: VIP-0021 seq listing
; CURRENT APPLICATION NUMBER: US/10/214,670
; CURRENT FILING DATE: 2002-08-08
; PRIOR APPLICATION NUMBER: EP 01203011.0
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/310497
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 58
; LENGTH: 359
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; TYPE: PRT
; ORGANISM: Human immunodeficiency virus
; US-10-214-670-58

Query Match
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Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Db 135 NHTTWMDREINNTYSLIHSLSIESQOEKNEQELLEDKASLNMWNI 186

RESULT 4
US-09-756-551A-8
; Sequence 8, Application US/09756551A
; Patent No. US20020051768A1
; GENERAL INFORMATION:
; APPLICANT: C. Morrow et al.
; TITLE OF INVENTION: ENCAPSIDATED RECOMBINANT VIRAL
; TITLE OF INVENTION: NUCLEIC ACID AND METHODS OF MAKING AND
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHYE & COCKFIELD
; STREET: 28 STATE STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/756,551A
; FILING DATE: 08-JAN-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/376,184
; FILING DATE: 17-AUG-1999
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/987,867
; FILING DATE: 09-DEC-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/389,459
; FILING DATE: 15-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/087,009
; FILING DATE: 01-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauro, Peter C.
; REGISTRATION NUMBER: 32,360
; REFERENCE/DOCKET NUMBER: 0A1-004CPV2CN
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 742-4214
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 519 amino acids
;   TYPE: amino acid
;   TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-756-551A-8

Query Match
Best Local Similarity 99.3%; Score 290; DB 9; Length 519;
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

CY 1 NHTTWLMDREINNTYSLIHSLSIESQOEKNEQELLEDKASLNMWNI 52
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Db 420 NHTTWEMDREINNYTSLIHSLSIESQNOEKNEQELLEDKXASLMMWFI 471

RESULT 5

US-09-476-242-1
; Sequence 1, Application US/09476242
; Patent No. US2002014683A1
; GENERAL INFORMATION:
; APPLICANT: BARNETT, Susan
; APPLICANT: HARTOG, Karin
; APPLICANT: MARTIN, Eric
; TITLE OF INVENTION: MODIFIED HIV ENV POLYPEPTIDES
; FILE REFERENCE: 1605.002
; CURRENT APPLICATION NUMBER: US/09/476,242
; CURRENT FILING DATE: 1999-12-30
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1
; LENGTH: 856
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus
US-09-476-242-1

Query Match 99.3%; Score 290; DB 9; Length 856;
Best Local Similarity 98.1%; Pred. No. 1.6e-23;
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NHTTWEMDREINNYTSLIHSLSIESQNOEKNEQELLEDKXASLMMWFI 52
Db 624 NHTTWEMDREINNYTSLIHSLSIESQNOEKNEQELLEDKXASLMMWFI 675

RESULT 6

US-10-196-515-11
; Sequence 11, Application US/10196515
; Publication No. US20030091594A1
; GENERAL INFORMATION:
; APPLICANT: HOXIE, James A.
; APPLICANT: LABRANCHE, Celila C.
; APPLICANT: DOMS, Robert W.
; APPLICANT: HOFFMAN, Trevor L.
; TITLE OF INVENTION: CD4-INDEPENDENT HIV ENVELOPE PROTEINS AS VACCINES AND
; TITLE OF INVENTION: THERAPEUTICS
; FILE REFERENCE: Hoxie 9596-10401 (0282)
; CURRENT APPLICATION NUMBER: US/10/196,515
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: US/09/337,387
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: US 09/317,556
; PRIOR FILING DATE: 1999-05-24
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 11
; LENGTH: 856
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus type 1
US-10-196-515-11

Query Match 99.3%; Score 290; DB 14; Length 856;
Best Local Similarity 98.1%; Pred. No. 1.6e-23;
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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RESULT 7
US-09-779-451-4
; Sequence 4, Application US/09779451
; Patent No. US20020094521A1
; GENERAL INFORMATION:

; APPLICANT: Wild, Carl T.
; APPLICANT: Allaway, Graham P.
; TITLE OF INVENTION: Assay for Detection of Viral Fusion Inhibitors
; FILE REFERENCE: 1900.0300003
; CURRENT APPLICATION NUMBER: US/09/779,451
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: US 60/235,901
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/181,543
; PRIOR FILING DATE: 2000-02-10
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: Patentln Version 3.0
; SEQ ID NO 4
; LENGTH: 56
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus type 1
US-09-779-451-4

Query Match 94.9%; Score 277; DB 9; Length 56;
Best Local Similarity 94.2%; Pred. No. 2.3e-23;
Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

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RESULT 8

US-10-040-349B-2
; Sequence 2, Application US/10040349B
; Publication No. US20030082521A1
; GENERAL INFORMATION:
; APPLICANT: Brasseur, Robert
; APPLICANT: Charlotiaux, Benoit
; APPLICANT: Chevalier, Michel
; APPLICANT: El Habib, Raphaelle
; APPLICANT: Krell, Tino
; TITLE OF INVENTION: Polypeptide Inducing Antibodies Neutralizing HIV
; FILE REFERENCE: 01-078-A
; CURRENT APPLICATION NUMBER: US/10/040,349B
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentln version 3.0
; SEQ ID NO 2
; LENGTH: 177
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus type 1
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: (1)..(177)
; OTHER INFORMATION: polypeptide derived from gp41 LA1
US-10-040-349B-2

Query Match 94.9%; Score 277; DB 14; Length 177;
Best Local Similarity 94.2%; Pred. No. 8.1e-23;
Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 NHTTWEMDREINNYTSLIHSLSIESQNOEKNEQELLEDKXASLMMWFI 52
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RESULT 9

US-10-263-103-25
; Sequence 25, Application US/10263103
; Publication No. US20030138445A1
; GENERAL INFORMATION:
; APPLICANT: AVENTIS PASTEUR
; APPLICANT: Chevalier, Michel
; APPLICANT: El Habib, Raphaelle
; APPLICANT: Krell, Tino
; APPLICANT: Sedoyet, Regis
; TITLE OF INVENTION: gp41 antigen

US-10-263-103-25
; Sequence 25, Application US/10263103
; Publication No. US20030138445A1
; GENERAL INFORMATION:
; APPLICANT: AVENTIS PASTEUR
; APPLICANT: Chevalier, Michel
; APPLICANT: El Habib, Raphaelle
; APPLICANT: Krell, Tino
; APPLICANT: Sedoyet, Regis
; TITLE OF INVENTION: gp41 antigen


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RESULT 11
US-10-059-271-84
; Sequence 84, Application US/10059271
; Publication NO. US20030082208A1
; GENERAL INFORMATION:
; APPLICANT: REPERE, HEINRICH
; APPLICANT: BUDDÉ, ECKHARD
; APPLICANT: NICOLAUS, STEFAN
; TITLE OF INVENTION: PROTEIN HAVING MULTIPLE ANTIGEN/EPITOPE SEQUENCES AND
; TITLE OF INVENTION: BEING IMMOBILIZED
; FILE REFERENCE: ALBRE-22
; CURRENT APPLICATION NUMBER: US/10/059,271
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: DE 101 06 295
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ. ID NOS: 97

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RESULT 13
US-10-059-271-82
; Sequence 82, Application US/10059271
; Publication No. US20030082208A1
GENERAL INFORMATION:
APPLICANT: REPKK, HEINRICH
APPLICANT: BUDDH, ECKHARD
APPLICANT: NICOLAUS, STEFAN
TITLE OF INVENTION: PROTEIN HAVING MULTIPLE ANTIGEN/EPITOPE SEQUENCES AND
TITLE OF INVENTION: BEING IMMOBILIZED
CITING REFERENCE: ALBRE-22
CURRENT APPLICATION NUMBER: US/10/059,271
CURRENT FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: DE 101 06 235
NUMBER OF SEQ ID NOS: 97
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 82
LENGTH: 254

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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-059-271-82

Query Match
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Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

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DB 152 NNTTMEWDREINNYTSLIHSLEESQOEKNEQELLELDKWSLMMWNI 203

RESULT 14
US-10-059-271-97
Sequence 97, Application US/10059271
Publication No. US20030082208A1
GENERAL INFORMATION:
APPLICANT: REPER, HEINRICH
APPLICANT: BUDD, ECKHARD
APPLICANT: NICOLAUS, STEFAN
TITLE OF INVENTION: PROTEIN HAVING MULTIPLE ANTIGEN/EPITOPE SEQUENCES AND
FILE REFERENCE: ALBRE-22
CURRENT APPLICATION NUMBER: US/10/059,271
CURRENT FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: DE 101 06 295
NUMBER OF SEQ ID NOS: 97
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 97
LENGTH: 256
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-059-271-97

Query Match
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Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 NHTTLEMDREINNYTSLIHSLEESQOEKNEQELLELDKWSLMMWNI 52
DB 152 NNTTMEWDREINNYTSLIHSLEESQOEKNEQELLELDKWSLMMWNI 203

RESULT 15
US-09-854-816-17
Sequence 17, Application US/09854816
Patent No. US20020151473A1
GENERAL INFORMATION:
APPLICANT: Andrew C. Braisted
J. Kevin Tudice
Robert S. McDowell
J. Christopher Phelan
Melissa A. Starovasnik
James A. Wells
TITLE OF INVENTION: Constrained Helical Peptides and Methods of
Making Same
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/854,816
FILING DATE: 15-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/965,056
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Torchia, PhD, Timothy E.
REGISTRATION NUMBER: 36,700
REFERENCE/DOCKET NUMBER: P1005R2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-8674
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 268 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
US-09-854-816-17
SEQUENCE DESCRIPTION: SEQ ID NO: 17:

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Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

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DB 154 NNTTMEWDREINNYTSLIHSLEESQOEKNEQELLELDKWSLMMWNI 205

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OM protein - protein search, using sw model

Run on: March 18, 2004, 07:57:54 ; Search time 35 Seconds

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Title: US-09-668-314C-73

Perfect score: 40

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Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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5	40	100.0	11	9	US-09-988-842-25
6	40	100.0	11	14	US-10-235-483-14
7	40	100.0	13	14	US-10-281-458-1
8	40	100.0	14	9	US-09-982-800-5
9	40	100.0	14	9	US-09-982-894-5
10	40	100.0	14	15	US-10-385-065-5
11	40	100.0	15	9	US-09-972-475-14
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78	40	100.0	42	10	US-09-865-294-65	Sequence 65, Appl
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132	40	100.0	43	15	US-09-665-294-70	Sequence 70, Appl	205	40	100.0	655	15	US-10-427-208-9	Sequence 9, Appl
133	40	100.0	43	10	US-09-797-543-5	Sequence 5, Appl	206	40	100.0	655	15	US-10-427-208-11	Sequence 11, Appl
134	40	100.0	43	13	US-10-016-717-1	Sequence 1, Appl	207	40	100.0	655	15	US-10-427-208-13	Sequence 13, Appl
135	40	100.0	43	13	US-10-084-380A-1	Sequence 1, Appl	208	40	100.0	655	15	US-10-427-208-15	Sequence 15, Appl
136	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	209	40	100.0	655	15	US-10-427-208-17	Sequence 17, Appl
137	40	100.0	43	13	US-10-084-380A-1	Sequence 1, Appl	210	40	100.0	655	15	US-10-427-208-19	Sequence 19, Appl
138	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	211	40	100.0	655	15	US-10-427-208-21	Sequence 21, Appl
139	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	212	40	100.0	655	15	US-10-427-208-23	Sequence 23, Appl
140	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	213	40	100.0	655	15	US-10-427-208-25	Sequence 25, Appl
141	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	214	40	100.0	655	15	US-10-427-208-27	Sequence 27, Appl
142	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	215	40	100.0	655	15	US-10-427-208-29	Sequence 29, Appl
143	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	216	40	100.0	655	15	US-10-427-208-31	Sequence 31, Appl
144	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	217	40	100.0	655	15	US-10-427-208-33	Sequence 33, Appl
145	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	218	40	100.0	655	15	US-10-427-208-35	Sequence 35, Appl
146	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	219	40	100.0	655	15	US-10-427-208-37	Sequence 37, Appl
147	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	220	40	100.0	655	15	US-10-427-208-39	Sequence 39, Appl
148	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	221	40	100.0	655	15	US-10-427-208-41	Sequence 41, Appl
149	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	222	40	100.0	655	15	US-10-427-208-43	Sequence 43, Appl
150	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	223	40	100.0	655	15	US-10-427-208-45	Sequence 45, Appl
151	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	224	40	100.0	655	15	US-10-427-208-47	Sequence 47, Appl
152	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	225	40	100.0	655	15	US-10-427-208-49	Sequence 49, Appl
153	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	226	40	100.0	655	15	US-10-427-208-51	Sequence 51, Appl
154	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	227	40	100.0	655	15	US-10-427-208-53	Sequence 53, Appl
155	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	228	40	100.0	655	15	US-10-427-208-55	Sequence 55, Appl
156	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	229	40	100.0	655	15	US-10-427-208-57	Sequence 57, Appl
157	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	230	40	100.0	655	15	US-10-427-208-59	Sequence 59, Appl
158	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	231	40	100.0	655	15	US-10-427-208-61	Sequence 61, Appl
159	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	232	40	100.0	655	15	US-10-427-208-63	Sequence 63, Appl
160	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	233	40	100.0	655	15	US-10-427-208-65	Sequence 65, Appl
161	40	100.0	43	13	US-10-437-706-1	Sequence 1, Appl	234	40	100.0	655	15	US-10-427-208-67	Sequence 67, Appl

235	40	100.0	697	9	US-09-794-743-20	Sequence 20, Appl	308	40	100.0	722	9	US-09-794-743-59	Sequence 59, Appl
236	40	100.0	697	9	US-09-794-748-16	Sequence 16, Appl	309	40	100.0	722	9	US-09-794-748-59	Sequence 59, Appl
237	40	100.0	697	9	US-09-794-748-18	Sequence 18, Appl	310	40	100.0	722	9	US-09-794-748-59	Sequence 59, Appl
238	40	100.0	697	9	US-09-794-748-20	Sequence 20, Appl	311	40	100.0	722	9	US-09-794-748-59	Sequence 59, Appl
239	40	100.0	697	9	US-09-794-925-16	Sequence 16, Appl	312	40	100.0	722	10	US-09-861-414-59	Sequence 59, Appl
240	40	100.0	697	9	US-09-794-925-18	Sequence 18, Appl	313	40	100.0	722	10	US-09-861-414-59	Sequence 59, Appl
241	40	100.0	697	9	US-09-794-925-20	Sequence 20, Appl	314	40	100.0	722	10	US-09-861-414-59	Sequence 59, Appl
242	40	100.0	697	9	US-09-681-442-16	Sequence 16, Appl	315	40	100.0	722	12	US-10-654-967-59	Sequence 59, Appl
243	40	100.0	697	9	US-09-681-442-18	Sequence 18, Appl	316	40	100.0	722	12	US-10-654-967-59	Sequence 59, Appl
244	40	100.0	697	9	US-09-681-442-20	Sequence 20, Appl	317	37	92.5	108	15	US-10-275-025-7	Sequence 7, Appl
245	40	100.0	697	10	US-09-869-414-16	Sequence 16, Appl	318	37	92.5	108	15	US-10-275-025-7	Sequence 7, Appl
246	40	100.0	697	10	US-09-869-414-18	Sequence 18, Appl	319	36	90.0	42	14	US-10-217-584-9	Sequence 14, Appl
247	40	100.0	697	10	US-09-869-414-20	Sequence 20, Appl	320	36	90.0	42	14	US-10-217-584-9	Sequence 14, Appl
248	40	100.0	697	10	US-09-548-366-16	Sequence 16, Appl	321	36	90.0	100	15	US-10-275-025-6	Sequence 6, Appl
249	40	100.0	697	10	US-09-548-366-18	Sequence 18, Appl	322	36	90.0	108	15	US-10-275-025-14	Sequence 14, Appl
250	40	100.0	697	10	US-09-548-366-20	Sequence 20, Appl	323	35	87.5	108	15	US-10-275-025-14	Sequence 14, Appl
251	40	100.0	697	12	US-10-652-927-16	Sequence 16, Appl	324	35	87.5	15	14	US-10-235-483-59	Sequence 59, Appl
252	40	100.0	697	12	US-10-652-927-18	Sequence 18, Appl	325	35	87.5	15	14	US-10-235-483-59	Sequence 59, Appl
253	40	100.0	697	12	US-10-652-927-20	Sequence 20, Appl	326	35	87.5	149	15	US-10-427-208-63	Sequence 11, Appl
254	40	100.0	697	12	US-10-652-927-16	Sequence 16, Appl	327	34	85.0	9	14	US-10-235-483-51	Sequence 63, Appl
255	40	100.0	697	12	US-10-652-830-18	Sequence 18, Appl	328	34	85.0	15	14	US-10-235-483-51	Sequence 51, Appl
256	40	100.0	697	12	US-10-652-830-20	Sequence 20, Appl	329	34	85.0	15	14	US-10-235-483-51	Sequence 51, Appl
257	40	100.0	751	9	US-09-794-927-57	Sequence 57, Appl	330	34	85.0	15	14	US-10-235-483-51	Sequence 51, Appl
258	40	100.0	751	9	US-09-795-847-57	Sequence 57, Appl	331	34	85.0	321	11	US-09-906-179A-75	Sequence 75, Appl
259	40	100.0	751	9	US-09-794-743-57	Sequence 57, Appl	332	33	82.5	42	9	US-09-899-815-1	Sequence 1, Appl
260	40	100.0	751	9	US-09-794-748-57	Sequence 57, Appl	333	33	82.5	42	14	US-10-221-584-10	Sequence 10, Appl
261	40	100.0	751	9	US-09-794-925-57	Sequence 57, Appl	334	33	82.5	160	12	US-10-424-599-774706	Sequence 21, Appl
262	40	100.0	751	9	US-09-681-442-57	Sequence 57, Appl	335	33	82.5	104	9	US-09-823-153-4	Sequence 44,33, A
263	40	100.0	751	9	US-09-149-718-4	Sequence 4, Appl	336	32	80.0	184	12	US-10-288-1122A-44439	Sequence 44,33, A
264	40	100.0	751	10	US-09-869-414-57	Sequence 57, Appl	337	32	80.0	265	12	US-10-288-1122A-71321	Sequence 71,321, A
265	40	100.0	751	10	US-09-548-366-57	Sequence 57, Appl	338	31	77.5	7	9	US-09-867-847-27	Sequence 27, Appl
266	40	100.0	751	12	US-10-652-927-57	Sequence 57, Appl	339	31	77.5	7	10	US-09-747-408-18	Sequence 28, Appl
267	40	100.0	751	12	US-10-652-927-57	Sequence 57, Appl	340	31	77.5	7	10	US-09-747-408-18	Sequence 28, Appl
268	40	100.0	751	14	US-10-169-580-4	Sequence 4, Appl	341	31	77.5	7	10	US-09-747-408-18	Sequence 28, Appl
269	40	100.0	751	14	US-10-357-935-2	Sequence 2, Appl	342	31	77.5	7	10	US-09-747-408-18	Sequence 28, Appl
270	40	100.0	751	15	US-10-427-208-74	Sequence 74, Appl	343	31	77.5	7	10	US-09-747-408-18	Sequence 28, Appl
271	40	100.0	753	9	US-09-794-927-61	Sequence 61, Appl	344	31	77.5	49	9	US-09-864-761-33582	Sequence 33,82, A
272	40	100.0	753	9	US-09-795-847-61	Sequence 61, Appl	345	31	77.5	179	14	US-10-186-761-31627	Sequence 31,627, A
273	40	100.0	753	9	US-09-794-743-61	Sequence 61, Appl	346	31	77.5	179	14	US-10-186-761-31627	Sequence 31,627, A
274	40	100.0	753	9	US-09-794-748-61	Sequence 61, Appl	347	31	77.5	220	12	US-10-425-114-47851	Sequence 10,425, A
275	40	100.0	753	9	US-09-794-925-61	Sequence 61, Appl	348	31	77.5	259	9	US-09-783-626-61737	Sequence 61,737, A
276	40	100.0	753	10	US-09-861-442-61	Sequence 61, Appl	349	31	77.5	391	15	US-10-108-260A-3661	Sequence 36,61, Ap
277	40	100.0	753	10	US-09-869-414-61	Sequence 61, Appl	350	31	77.5	612	12	US-10-424-599-161230	Sequence 16,1230, A
278	40	100.0	753	10	US-09-548-366-61	Sequence 61, Appl	351	31	77.5	887	12	US-10-424-599-161230	Sequence 16,1230, A
279	40	100.0	753	12	US-10-652-927-61	Sequence 61, Appl	352	31	77.5	887	12	US-10-424-599-161230	Sequence 16,1230, A
280	40	100.0	753	12	US-10-652-830-61	Sequence 61, Appl	353	30	75.0	9	14	US-10-235-483-52	Sequence 52, Appl
281	40	100.0	770	9	US-09-794-927-55	Sequence 55, Appl	354	30	75.0	15	14	US-10-235-483-55	Sequence 55, Appl
282	40	100.0	770	9	US-09-795-847-55	Sequence 55, Appl	355	30	75.0	15	14	US-10-235-483-55	Sequence 55, Appl
283	40	100.0	770	9	US-09-794-743-55	Sequence 55, Appl	356	30	75.0	59	12	US-10-424-599-232746	Sequence 23,2746, A
284	40	100.0	770	9	US-09-504-987-2	Sequence 2, Appl	357	30	75.0	89	9	US-09-864-761-44113	Sequence 44,113, A
285	40	100.0	770	9	US-09-504-987-2	Sequence 2, Appl	358	30	75.0	197	12	US-10-425-114-61527	Sequence 61,527, A
286	40	100.0	770	9	US-09-794-925-55	Sequence 55, Appl	359	30	75.0	237	12	US-10-425-114-61527	Sequence 61,527, A
287	40	100.0	770	9	US-09-681-442-55	Sequence 55, Appl	360	30	75.0	256	12	US-10-425-114-47851	Sequence 4,7851, A
288	40	100.0	770	9	US-09-149-718-6	Sequence 6, Appl	361	30	75.0	369	14	US-10-017-161-1044	Sequence 10,44, Ap
289	40	100.0	770	9	US-09-785-815-2	Sequence 2, Appl	362	30	75.0	370	13	US-10-043-945-2	Sequence 43,945, A
290	40	100.0	770	10	US-09-848-616-172	Sequence 172, App	363	30	75.0	370	13	US-10-043-945-2	Sequence 43,945, A
291	40	100.0	770	10	US-09-869-414-55	Sequence 55, Appl	364	30	75.0	370	14	US-10-318-442-4	Sequence 2, Appl
292	40	100.0	770	10	US-09-548-366-55	Sequence 55, Appl	365	30	75.0	370	14	US-10-318-442-4	Sequence 2, Appl
293	40	100.0	770	12	US-10-652-927-55	Sequence 55, Appl	366	30	75.0	370	14	US-10-318-442-4	Sequence 2, Appl
294	40	100.0	770	12	US-10-652-830-55	Sequence 55, Appl	367	30	75.0	370	14	US-10-318-442-4	Sequence 2, Appl
295	40	100.0	770	14	US-10-217-584-5	Sequence 5, Appl	368	30	75.0	370	14	US-10-318-442-4	Sequence 2, Appl
296	40	100.0	770	14	US-10-204-362-2	Sequence 2, Appl	369	30	75.0	370	15	US-10-417-820A-88	Sequence 28, Appl
297	40	100.0	770	14	US-10-169-580-5	Sequence 5, Appl	370	30	75.0	379	14	US-10-417-820A-88	Sequence 28, Appl
298	40	100.0	770	14	US-10-335-035-3	Sequence 3, Appl	371	30	75.0	1194	13	US-10-073-885-79	Sequence 86, App
299	40	100.0	770	14	US-10-223-803A-2	Sequence 2, Appl	372	30	75.0	1194	13	US-10-073-885-79	Sequence 86, App
300	40	100.0	770	14	US-10-010-942B-38	Sequence 38, Appl	373	30	75.0	1153	9	US-09-751-100B-2	Sequence 2, Appl
301	40	100.0	770	14	US-10-357-935-3	Sequence 3, Appl	374	30	75.0	1153	13	US-09-751-100B-2	Sequence 2, Appl
302	40	100.0	770	14	US-10-050-902-218	Sequence 218, App	375	29	72.5	6	9	US-09-867-847-7	Sequence 7, Appl
303	40	100.0	770	14	US-10-050-898-218	Sequence 218, App	376	29	72.5	6	9	US-09-867-847-7	Sequence 7, Appl
304	40	100.0	770	15	US-10-427-208-75	Sequence 75, Appl	377	29	72.5	6	9	US-09-972-475-9	Sequence 27, Appl
305	40	100.0	770	15	US-10-427-208-75	Sequence 75, Appl	378	29	72.5	6	9	US-09-972-475-9	Sequence 27, Appl
306	40	100.0	772	9	US-09-794-927-59	Sequence 59, Appl	379	29	72.5	6	9	US-09-972-475-9	Sequence 27, Appl
307	40	100.0	772	9	US-09-795-847-59	Sequence 59, Appl	380	29	72.5	6	10	US-09-747-408-3	Sequence 3, Appl

381	29	72.5	6	10	US-09-747-408-11	Sequence 11, Appl
382	29	72.5	6	15	US-10-463-729-9	Sequence 9, Appl
383	29	72.5	6	15	US-10-463-729-27	Sequence 27, Appl
384	29	72.5	7	9	US-09-867-847-12	Sequence 12, Appl
385	29	72.5	7	9	US-09-972-475-7	Sequence 7, Appl
386	29	72.5	7	10	US-09-747-408-2	Sequence 2, Appl
387	29	72.5	7	15	US-10-463-729-7	Sequence 7, Appl
388	29	72.5	8	9	US-09-850-061A-44	Sequence 44, Appl
389	29	72.5	8	9	US-09-972-475-5	Sequence 5, Appl
390	29	72.5	8	15	US-10-463-729-5	Sequence 5, Appl
391	29	72.5	9	10	US-08-667-847-9	Sequence 9, Appl
392	29	72.5	9	10	US-09-747-408-20	Sequence 20, Appl
393	29	72.5	11	14	US-10-050-200-33	Sequence 33, Appl
394	29	72.5	12	9	US-09-867-847-8	Sequence 8, Appl
395	29	72.5	12	10	US-09-764-891-4983	Sequence 4983, Ap
396	29	72.5	84	12	US-10-424-599-242104	Sequence 242104,
397	29	72.5	119	12	US-10-424-599-167564	Sequence 167564,
398	29	72.5	143	9	US-08-864-761-34585	Sequence 34585, A
399	29	72.5	143	9	US-08-864-761-34587	Sequence 34587, A
400	29	72.5	143	10	US-09-874-879-567	Sequence 567, App
401	29	72.5	143	10	US-09-305-736-519	Sequence 519, App
402	29	72.5	143	11	US-09-818-683-519	Sequence 567, App
403	29	72.5	143	12	US-10-621-401-567	Sequence 567, App
404	29	72.5	143	14	US-10-029-386-32687	Sequence 32687, A
405	29	72.5	167	12	US-10-424-599-270172	Sequence 270172,
406	29	72.5	181	12	US-10-424-599-222350	Sequence 222350,
407	29	72.5	182	12	US-10-424-599-151853	Sequence 151853,
408	29	72.5	189	9	US-09-864-761-35104	Sequence 35104, A
409	29	72.5	200	12	US-10-425-114-62022	Sequence 62022, A
410	29	72.5	294	12	US-10-424-599-249573	Sequence 249573, A
411	29	72.5	300	12	US-10-882-122A-60532	Sequence 60532, A
412	29	72.5	335	14	US-10-156-761-11617	Sequence 11617, A
413	29	72.5	351	12	US-10-424-599-260194	Sequence 260194,
414	29	72.5	352	15	US-10-418-146-2	Sequence 2, Appl
415	29	72.5	386	12	US-10-425-114-50458	Sequence 50458, A
416	29	72.5	441	9	US-10-425-114-71440	Sequence 71440, A
417	29	72.5	446	9	US-09-864-761-37011	Sequence 37011, A
418	29	72.5	465	12	US-10-424-599-233348	Sequence 233348,
419	29	72.5	539	14	US-10-325-891-13	Sequence 13, Appl
420	29	72.5	551	14	US-10-029-386-33857	Sequence 33857, A
421	29	72.5	621	12	US-10-882-122A-773308	Sequence 773308, A
422	29	72.5	721	12	US-10-425-114-70300	Sequence 70300, A
423	29	72.5	806	14	US-10-199-869-6	Sequence 6, Appl
424	29	72.5	807	15	US-10-108-260A-4086	Sequence 4086, Ap
425	29	72.5	854	14	US-10-199-869-5	Sequence 5, Appl
426	29	72.5	49	12	US-10-424-599-278606	Sequence 278606,
427	28	70.0	57	12	US-10-424-599-143100	Sequence 143100,
428	28	70.0	58	12	US-10-424-599-254464	Sequence 254464,
429	28	70.0	66	12	US-10-424-599-264265	Sequence 264265,
430	28	70.0	73	12	US-10-424-599-210815	Sequence 210815,
431	28	70.0	90	12	US-10-424-599-165325	Sequence 165325,
432	28	70.0	96	12	US-10-424-599-266604	Sequence 266604,
433	28	70.0	117	12	US-10-424-599-208708	Sequence 208708,
434	28	70.0	120	12	US-10-424-599-198115	Sequence 198115,
435	28	70.0	140	14	US-10-410-681-6	Sequence 6, Appl
436	28	70.0	193	13	US-10-126-099-7	Sequence 7, Appl
437	28	70.0	283	12	US-10-425-114-42038	Sequence 42038, A
438	28	70.0	302	12	US-10-882-122A-60370	Sequence 60370, A
439	28	70.0	332	12	US-09-939-853A-25	Sequence 25, Appl
440	28	70.0	342	12	US-10-425-114-45458	Sequence 45458, A
441	28	70.0	382	12	US-10-425-114-58724	Sequence 58724, A
442	28	70.0	382	14	US-10-410-681-8	Sequence 8, Appl
443	28	70.0	398	12	US-10-425-114-39868	Sequence 39868, A
444	28	70.0	401	12	US-10-425-114-43164	Sequence 43164, A
445	28	70.0	402	15	US-10-369-993-9053	Sequence 9053, Ap
446	28	70.0	417	12	US-10-424-599-274599	Sequence 274599,
447	28	70.0	417	16	US-10-389-566-1841	Sequence 1841, Ap
448	28	70.0	420	12	US-10-425-114-51244	Sequence 51244, A
449	28	70.0	443	12	US-10-282-122A-54568	Sequence 54568, A
450	28	70.0	444	12	US-10-425-114-64152	Sequence 64152, A
451	28	70.0	470	12	US-10-424-599-249883	Sequence 249883, A
452	28	70.0	493	12	US-10-282-122A-55259	Sequence 55259, A
453	28	70.0	495	15	US-10-369-993-7895	Sequence 7895, Ap
454	28	70.0	551	12	US-10-282-122A-43162	Sequence 43162, A
455	28	70.0	556	12	US-10-425-114-11536	Sequence 71536, A
456	28	70.0	559	12	US-10-282-122A-76505	Sequence 76505, A
457	28	70.0	750	12	US-10-424-599-268662	Sequence 268662,
458	28	70.0	750	14	US-10-410-681-12	Sequence 12, Appl
459	28	70.0	750	14	US-10-410-681-51	Sequence 51, Appl
460	28	70.0	754	14	US-10-410-681-51	Sequence 4, Appl
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476	27	67.5	42	10	US-09-983-966-289	Sequence 289, App
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706	27	67.5	915	14	US-10-125-926A-294	Sequence 294, App	778	27	67.5	915	14	US-10-117-847A-294	Sequence 294, App
707	27	67.5	915	14	US-10-125-930A-294	Sequence 294, App	779	27	67.5	915	14	US-10-117-890-294	Sequence 294, App
708	27	67.5	915	14	US-10-127-831A-294	Sequence 294, App	780	27	67.5	915	14	US-10-117-865-294	Sequence 294, App
709	27	67.5	915	14	US-10-127-837A-294	Sequence 294, App	781	27	67.5	915	14	US-10-116-726-294	Sequence 294, App
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712	27	67.5	915	14	US-10-127-843A-294	Sequence 294, App	784	27	67.5	915	14	US-10-152-380A-294	Sequence 294, App
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714	27	67.5	915	14	US-10-127-846A-294	Sequence 294, App	786	27	67.5	915	14	US-10-140-807-294	Sequence 294, App
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717	27	67.5	915	14	US-10-127-851A-294	Sequence 294, App	789	27	67.5	915	14	US-10-111-698-294	Sequence 294, App
718	27	67.5	915	14	US-10-128-684A-294	Sequence 294, App	790	27	67.5	915	14	US-10-111-704-294	Sequence 294, App
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720	27	67.5	915	14	US-10-128-690A-294	Sequence 294, App	792	27	67.5	915	14	US-10-112-421-294	Sequence 294, App
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746	27	67.5	915	14	US-10-127-622A-294	Sequence 294, App	818	27	67.5	915	14	US-10-156-786-294	Sequence 294, App

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 966 27 67.5 915 14 US-10-157-794-294 Sequence 294, App
 967 27 67.5 915 14 US-10-157-796-294 Sequence 294, App
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 970 27 67.5 915 14 US-10-131-156-294 Sequence 294, App
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 973 27 67.5 915 14 US-10-124-821-294 Sequence 294, App
 974 27 67.5 915 14 US-10-152-385-294 Sequence 294, App
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 978 27 67.5 915 14 US-10-153-840-294 Sequence 294, App
 979 27 67.5 915 14 US-10-156-841-294 Sequence 294, App
 980 27 67.5 915 14 US-10-156-842-294 Sequence 294, App
 981 27 67.5 915 14 US-10-156-844-294 Sequence 294, App
 982 27 67.5 915 14 US-10-156-845-294 Sequence 294, App
 983 27 67.5 915 14 US-10-156-846-294 Sequence 294, App
 984 27 67.5 915 14 US-10-121-048-294 Sequence 294, App
 985 27 67.5 915 14 US-10-121-052-294 Sequence 294, App
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 992 27 67.5 915 14 US-10-123-322-294 Sequence 294, App
 993 27 67.5 915 14 US-10-123-771-294 Sequence 294, App
 994 27 67.5 915 14 US-10-123-911-294 Sequence 294, App
 995 27 67.5 915 14 US-10-124-823-294 Sequence 294, App
 996 27 67.5 915 14 US-10-125-831-294 Sequence 294, App
 997 27 67.5 915 14 US-10-125-932-294 Sequence 294, App
 998 27 67.5 915 14 US-10-123-913-294 Sequence 294, App
 999 27 67.5 915 15 US-10-140-473-294 Sequence 294, App
 1000 27 67.5 915 15 US-10-140-806-294 Sequence 294, App

ALIGNMENTS

RESULT 1
 ; Sequence 1, Application US/10235483
 ; Publication No. US20030087407A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SOTO-JARA, Claudio
 ; BAUMANN, Marc
 ; FRANGIONE, Bias
 ; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
 ; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
 ; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIK
 ; DEPOSITS
 ; NUMBER OF SEQUENCES: 69
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: BROWDY AND NEIMARK
 ; STREET: 419 Seventh Street, N.W., Suite 400
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20004
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION NUMBER: US/10/235,483
 ; FILING DATE: 06-Sep-2002
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/766,596
 ; FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/630,645
 FILING DATE: 10-APR-1996
 APPLICATION NUMBER: US 08/478,326
 FILING DATE: 06-JUN-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: YUN, Allen C.
 REGISTRATION NUMBER: 37,971
 REFERENCE/DOCKET NUMBER: SOTO-JARA-1A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-628-5197
 TELEFAX: 202-737-3528
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 8 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-10-235-483-1

Query Match 100.0%; Score 40; DB 14; Length 8;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
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 Db 1 KLVFFAED 8

RESULT 2
 ; Sequence 2, Application US/09899815
 ; Patent No. US20020162129A1
 ; GENERAL INFORMATION:
 ; APPLICANT: LANFELT, Lars
 ; TITLE OF INVENTION: PREVENTION AND TREATMENT OF ALZHEIMER'S DISEASE
 ; FILE REFERENCE: LANFELT-1A
 ; CURRENT APPLICATION NUMBER: US/09/899,815
 ; CURRENT FILING DATE: 2001-07-09
 ; PRIOR APPLICATION NUMBER: US 60/217,098
 ; PRIOR FILING DATE: 2000-07-10
 ; PRIOR APPLICATION NUMBER: EP 00202387.7
 ; PRIOR FILING DATE: 2000-07-07
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: Patentin version 3.1
 ; SEQ ID NO 2
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURES:
 ; OTHER INFORMATION: synthetic peptide (16-24 of SEQ ID NO:1)
 ; US-09-899-815-2

Query Match 100.0%; Score 40; DB 9; Length 9;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 1 KLVFFAED 8

RESULT 3
 ; Sequence 64, Application US/10235483
 ; Publication No. US20030087407A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SOTO-JARA, Claudio
 ; BAUMANN, Marc
 ; FRANGIONE, Bias
 ; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
 ; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS

NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEWMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1995
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA-1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 64:
US-10-235-483-64

Query Match
Best Local Similarity 100.0%; Score 40; DB 14; Length 9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 2 KLVFFAED 9

RESULT 4
US-09-988-842-9
Sequence 9, Application US/09988842
Patent No. US20020143105A1
GENERAL INFORMATION:
APPLICANT: Johansson, Jan
TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION
FILE REFERENCE: 12125-002001
CURRENT APPLICATION NUMBER: US/09/988,842
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: US 60/251,662
PRIOR FILING DATE: 2000-12-06
PRIOR APPLICATION NUMBER: US 60/253,695
PRIOR FILING DATE: 2000-11-20
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 11
TYPE: PRT
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Synthetically generated peptide
US-09-988-842-9

Query Match
Best Local Similarity 100.0%; Score 40; DB 9; Length 11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 2 KLVFFAED 9

RESULT 5
US-09-988-842-25
Sequence 25, Application US/09988842
Patent No. US20020143105A1
GENERAL INFORMATION:
APPLICANT: Johansson, Jan
TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION
FILE REFERENCE: 12125-002001
CURRENT APPLICATION NUMBER: US/09/988,842
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: US 60/251,662
PRIOR FILING DATE: 2000-12-06
PRIOR APPLICATION NUMBER: US 60/253,695
PRIOR FILING DATE: 2000-11-20
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 25
LENGTH: 11
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetically generated peptide
US-09-988-842-25

Query Match
Best Local Similarity 100.0%; Score 40; DB 9; Length 11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 2 KLVFFAED 9

RESULT 6
US-10-235-483-14
Sequence 14, Application US/10235483
Publication No. US20030087407A1
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
BAUMANN, Marc
FRANGIONE, Bias
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEWMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

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/ APPLICATION NUMBER: US/10/235,483
/ FILING DATE: 06-SEP-2002
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/766,596
/ FILING DATE: <Unknown>
/ APPLICATION NUMBER: US 08/630,645
/ FILING DATE: 10-APR-1996
/ APPLICATION NUMBER: US 08/478,326
/ FILING DATE: 06-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: YUN, Allen C.
/ REGISTRATION NUMBER: 37,971
/ REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-628-5197
/ TELEFAX: 202-737-3528
/ INFORMATION FOR SEQ ID NO: 14:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 11 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: peptide
/ SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-235-483-14

Query Match          100.0%; Score 40; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.079;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
    |||||
DB 2 KLVFFAED 9

RESULT 7
US-10-281-458-1
/ Sequence 1, Application US/10281458
/ Publication No. US20030109978A1
/ GENERAL INFORMATION:
/ APPLICANT: Clambone, Gary J.
/ APPLICANT: Gibbons, Ian
/ TITLE OF INVENTION: Whole Cell Assay Systems for Cell
/ TITLE OF INVENTION: Surface Proteases
/ FILE REFERENCE: 50225-8093.US03
/ CURRENT APPLICATION NUMBER: US/10/281,458
/ CURRENT FILING DATE: 2002-10-25
/ PRIOR APPLICATION NUMBER: US 60/337,641
/ PRIOR FILING DATE: 2001-10-25
/ PRIOR APPLICATION NUMBER: US 09/924,692
/ PRIOR FILING DATE: 2001-08-08
/ NUMBER OF SEQ ID NOS: 3
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1
/ LENGTH: 13
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-281-458-1

Query Match          100.0%; Score 40; DB 14; Length 13;
Best Local Similarity 100.0%; Pred. No. 0.095;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
    |||||
DB 6 KLVFFAED 13

RESULT 8
US-09-992-800-5
/ Sequence 5, Application US/09992800
/ Patent No. US20020102261A1
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/ GENERAL INFORMATION:
/ APPLICANT: Rasco, Victor
/ TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
/ FILE REFERENCE: BBRI-2006
/ CURRENT APPLICATION NUMBER: US/09/992,800
/ CURRENT FILING DATE: 2001-11-06
/ PRIOR APPLICATION NUMBER: 09/594,366
/ PRIOR FILING DATE: 2000-06-15
/ PRIOR APPLICATION NUMBER: 60/139,408
/ PRIOR FILING DATE: 1999-06-16
/ NUMBER OF SEQ ID NOS: 7
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 5
/ LENGTH: 14
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-992-800-5

Query Match          100.0%; Score 40; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
    |||||
DB 4 KLVFFAED 11

RESULT 9
US-09-992-994-5
/ Sequence 5, Application US/09992994
/ Patent No. US20020136718A1
/ GENERAL INFORMATION:
/ APPLICANT: Rasco, Victor
/ TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
/ FILE REFERENCE: BBRI-2005
/ CURRENT APPLICATION NUMBER: US/09/992,994
/ CURRENT FILING DATE: 2001-11-06
/ PRIOR APPLICATION NUMBER: 09/594,366
/ PRIOR FILING DATE: 2000-06-15
/ PRIOR APPLICATION NUMBER: 60/139,408
/ PRIOR FILING DATE: 1999-06-16
/ NUMBER OF SEQ ID NOS: 7
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 5
/ LENGTH: 14
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-992-994-5

Query Match          100.0%; Score 40; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
    |||||
DB 4 KLVFFAED 11

RESULT 10
US-10-385-065-5
/ Sequence 5, Application US/10385065
/ Publication No. US20030235897A1
/ GENERAL INFORMATION:
/ APPLICANT: Rasco, Victor
/ TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
/ FILE REFERENCE: BBRI-2004
/ CURRENT APPLICATION NUMBER: US/10/385,065
/ CURRENT FILING DATE: 2003-03-10
/ PRIOR APPLICATION NUMBER: US/09/594,366
/ PRIOR FILING DATE: 2000-06-15
/ PRIOR APPLICATION NUMBER: 60/139,408
/ PRIOR FILING DATE: 1999-06-16
/ NUMBER OF SEQ ID NOS: 7
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 14
TYPE: PRT
ORGANISM: Homo sapiens
US-10-385-065-5

Query Match 100.0%; Score 40; DB 15; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 4 KLVFFAED 11

RESULT 11

US-09-972-475-14
Sequence 14, Application US/09972475
Patent No. US20020098173A1

GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/972,475
FILING DATE: 04-Oct-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/617,267
FILING DATE: <Unknown>
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Decont, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PRT-002C22
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-972-475-14

Query Match 100.0%; Score 40; DB 9; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 1 KLVFFAED 8

RESULT 12

US-09-996-357-9

Sequence 9, Application US/09996357
Patent No. US20020133001A1

GENERAL INFORMATION:
APPLICANT: Getter, Malcolm L
APPLICANT: Isreal, David I
APPLICANT: Joyal, John L
APPLICANT: Gosselin, Michael
TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR
TITLE OF INVENTION: TREATING AN AMYLOIDOTIC DISEASE
FILE REFERENCE: PRT-105
CURRENT APPLICATION NUMBER: US/09/996,357
PRIOR FILING DATE: 2001-11-27
PRIOR APPLICATION NUMBER: 60/253,302
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/250,198
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: 60/257,186
PRIOR FILING DATE: 2000-12-20
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 9

LENGTH: 15

TYPE: PRT
ORGANISM: Homo sapiens
US-09-996-357-9

Query Match 100.0%; Score 40; DB 9; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 1 KLVFFAED 8

RESULT 13

US-10-235-483-56
Sequence 56, Application US/10235483
Publication No. US20030087407A1

GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
BAUMANN, Marc
FRANGIONE, Bias

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASE
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-
DEPOSITS

NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESS: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:

NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA-1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-10-235-483-56

Query Match 100.0%; Score 40; DB 14; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||||
DB 5 KLVFFAED 12

RESULT 14

US-10-235-483-57
Sequence 57, Application US/10235483
Publication No. US20030087407A1
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
BAUMANN, Marc
FRANGIONE, Blas

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.

REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA-1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:

LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-10-235-483-57

Query Match 100.0%; Score 40; DB 14; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||||
DB 5 KLVFFAED 12

RESULT 15

US-10-235-483-58
Sequence 58, Application US/10235483
Publication No. US20030087407A1
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
BAUMANN, Marc
FRANGIONE, Blas

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-
DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.

REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA-1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-10-235-483-58

Query Match 100.0%; Score 40; DB 14; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||||

Db 5 KLVFFAED 12

RESULT 16

US-10-235-483-63

Sequence 63, Application US/10235483

Publication No. US20030087407A1

GENERAL INFORMATION:

APPLICANT: SOTO-JARA, Claudio

BAUMANN, Marc

FRANGIONE, Bias

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK

STREET: 419 Seventh Street, N.W., Suite 400

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/235,483

FILING DATE: 06-Sep-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/766,596

FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/630,645

FILING DATE: 10-APR-1996

APPLICATION NUMBER: US 08/478,326

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YUN, Allen C.

REGISTRATION NUMBER: 37,971

REFERENCE/DOCKET NUMBER: SOTO-JARA-1A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-628-5197

TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 63:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 63:

US-10-235-483-63

Query Match 100.0%; Score 40; DB 14; Length 15;

Best Local Similarity 100.0%; Pred. No. 0.11; 0; Indels 0; Gaps 0;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8

Db 5 KLVFFAED 12

RESULT 17

US-10-235-483-65

Sequence 65, Application US/10235483

Publication No. US20030087407A1

GENERAL INFORMATION:

APPLICANT: SOTO-JARA, Claudio

BAUMANN, Marc

FRANGIONE, Bias

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK

STREET: 419 Seventh Street, N.W., Suite 400

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/235,483

FILING DATE: 06-Sep-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/766,596

FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/630,645

FILING DATE: 10-APR-1996

APPLICATION NUMBER: US 08/478,326

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YUN, Allen C.

REGISTRATION NUMBER: 37,971

REFERENCE/DOCKET NUMBER: SOTO-JARA-1A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-628-5197

TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 65:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 65:

US-10-235-483-65

Query Match 100.0%; Score 40; DB 14; Length 15;

Best Local Similarity 100.0%; Pred. No. 0.11; 0; Indels 0; Gaps 0;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8

Db 5 KLVFFAED 12

RESULT 18

US-10-463-729-14

Sequence 14, Application US/10463729

Publication No. US20040005307A1

GENERAL INFORMATION:

APPLICANT: Finkels, Mark A. et al.

TITLE OF INVENTION: Modulators of Amyloid Aggregation

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/463,729
; FILING DATE: 17-JUNE-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/617,267C
; FILING DATE: 14-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/404,831
; FILING DATE: 14-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/475,579
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/548,998
; FILING DATE: 27-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DeConti, Giulio A.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: PPL-002CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-10-463-729-14

Query Match
Best Local Similarity 100.0%; Score 40; DB 15; Length 15;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 1 KLVFFAED 8

RESULT 19
US-09-992-800-3
; Sequence 3, Application US/09992800
; Patent No. US20020102261A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2006
; CURRENT APPLICATION NUMBER: US/09/992,800
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-992-800-3

Query Match
Best Local Similarity 100.0%; Score 40; DB 9; Length 17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 8 KLVFFAED 15

RESULT 20

US-09-992-994-3
; Sequence 3, Application US/09992994
; Patent No. US20020136718A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2005
; CURRENT APPLICATION NUMBER: US/09/992,994
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-992-994-3

Query Match
Best Local Similarity 100.0%; Score 40; DB 9; Length 17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 8 KLVFFAED 15

RESULT 21
US-09-998-491-8
; Sequence 8, Application US/09998491
; Publication No. US2003016529A1
; GENERAL INFORMATION:
; APPLICANT: Mileusnic, Radmila
; TITLE OF INVENTION: Polypeptides and their uses
; FILE REFERENCE: 3578-120
; CURRENT APPLICATION NUMBER: US/09/998,491
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: GB 0109558.7
; PRIOR FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: GB 0120084
; PRIOR FILING DATE: 2001-08-07
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 17-mer polypeptide
US-09-998-491-8

Query Match
Best Local Similarity 100.0%; Score 40; DB 10; Length 17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 5 KLVFFAED 12

RESULT 22
US-10-385-065-3
; Sequence 3, Application US/10385065
; Publication No. US20030235897A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2004
; CURRENT APPLICATION NUMBER: US/10/385,065

;; CURRENT FILING DATE: 2003-03-10
;; PRIOR APPLICATION NUMBER: US/09/594,366
;; PRIOR FILING DATE: 2000-06-15
;; PRIOR APPLICATION NUMBER: 60/139,408
;; PRIOR FILING DATE: 1999-06-16
;; NUMBER OF SEQ ID NOS: 7
;; SOFTWARE: Patent In Ver. 2.0
;; SEQ ID NO 3
;; LENGTH: 17
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-385-065-3

Query Match 100.0%; Score 40; DB 15; Length 17;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||
Db 8 KLVFFAED 15

RESULT 23
US-09-825-242-5
;; Sequence 5, Application US/09825242
;; Publication No. US200309200A1
;; GENERAL INFORMATION:
;; APPLICANT: Schenk, Dale B.
;; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
;; FILE REFERENCE: 152701-004720US
;; CURRENT APPLICATION NUMBER: US/09/825,242
;; CURRENT FILING DATE: 2001-04-02
;; PRIOR APPLICATION NUMBER: 09/201,430
;; PRIOR FILING DATE: 1998-11-30
;; PRIOR APPLICATION NUMBER: US 60/080,970
;; PRIOR FILING DATE: 1998-04-07
;; NUMBER OF SEQ ID NOS: 5
;; SOFTWARE: Patent In Ver. 2.1
;; SEQ ID NO 5
;; LENGTH: 19
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Abeta13-28
;; OTHER INFORMATION: peptide with carboxyl terminal Cys residue
;; NAME/KEY: MOD_RES
;; LOCATION: (1)
;; OTHER INFORMATION: Xaa = acetyl histidine
US-09-825-242-5

Query Match 100.0%; Score 40; DB 10; Length 19;
Best Local Similarity 100.0%; Pred. No. 0.14;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||
Db 4 KLVFFAED 11

RESULT 24
US-09-792-079-11
;; Sequence 11, Application US/09792079
;; Publication No. US2003008327A1
;; GENERAL INFORMATION:
;; APPLICANT: University of Kentucky Research Foundation
;; APPLICANT: Hersch, Louis B.
;; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzheimer's
;; FILE REFERENCE: 050229-0261
;; CURRENT APPLICATION NUMBER: US/09/792,079

;; CURRENT FILING DATE: 2001-02-26
;; PRIOR APPLICATION NUMBER: 60/184,826
;; PRIOR FILING DATE: 2000-02-24
;; NUMBER OF SEQ ID NOS: 13
;; SOFTWARE: Patent In version 3.1
;; SEQ ID NO 11
;; LENGTH: 26
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-792-079-11

Query Match 100.0%; Score 40; DB 10; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||
Db 2 KLVFFAED 9

RESULT 25
US-10-159-279-11
;; Sequence 11, Application US/10159279
;; Publication No. US20030165481A1
;; GENERAL INFORMATION:
;; APPLICANT: University of Kentucky Research Foundation
;; APPLICANT: Hersch, Louis B.
;; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzheimer's
;; FILE REFERENCE: 050229-0298
;; CURRENT APPLICATION NUMBER: US/10/159,279
;; CURRENT FILING DATE: 2002-06-03
;; PRIOR APPLICATION NUMBER: 60/184,826
;; PRIOR FILING DATE: 2000-02-24
;; PRIOR APPLICATION NUMBER: 09/792,079
;; PRIOR FILING DATE: 2001-02-26
;; NUMBER OF SEQ ID NOS: 13
;; SOFTWARE: Patent In version 3.1
;; SEQ ID NO 11
;; LENGTH: 26
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-159-279-11

Query Match 100.0%; Score 40; DB 14; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||
Db 2 KLVFFAED 9

RESULT 26
US-09-867-847-4
;; Sequence 4, Application US/09867847
;; Patent No. US20020094335A1
;; GENERAL INFORMATION:
;; APPLICANT: Chalfour, Robert
;; APPLICANT: Hebert, Lisa
;; APPLICANT: Kong, Xiang
;; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
;; FILE REFERENCE: 14445-501 CIP
;; CURRENT APPLICATION NUMBER: US/09/867,847
;; CURRENT FILING DATE: 2001-09-20
;; PRIOR APPLICATION NUMBER: 60/168,594
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: 09/724,842
;; PRIOR FILING DATE: 2000-11-28
;; NUMBER OF SEQ ID NOS: 65

SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: All D peptides
US-09-867-847-4

Query Match
Best Local Similarity 100.0%; Score 40; DB 9; Length 28;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||
Db 16 KLVFFAED 23

RESULT 27

US-09-865-294-66
; Sequence 66, Application US/09865294
; Publication No. US20030068325A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Chang Yi
; TITLE OF INVENTION: Immunogenic peptide composition as vaccines for the
; FILE OF INVENTION: Prevention and treatment of Alzheimer's Disease
; FILE REFERENCE: 1151-4167
; CURRENT APPLICATION NUMBER: US/09/865,294
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 66
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-865-294-66

Query Match
Best Local Similarity 100.0%; Score 40; DB 10; Length 28;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||
Db 16 KLVFFAED 23

RESULT 28

US-09-792-079-5
; Sequence 5, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Herish, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
; FILE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0261
; CURRENT APPLICATION NUMBER: US/09/792,079
; CURRENT FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-792-079-5

Query Match
Best Local Similarity 100.0%; Score 40; DB 10; Length 28;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||
Db 16 KLVFFAED 23

RESULT 29

US-10-363-082-2
; Sequence 2, Application US/10363082
; Publication No. US20040029279A1
; GENERAL INFORMATION:
; APPLICANT: American Cyanamid Company
; TITLE OF INVENTION: Packaging of positive-strand RNA virus replicon
; FILE OF INVENTION: Particles
; FILE REFERENCE: 01142-0200-00304
; CURRENT APPLICATION NUMBER: US/10/363,082
; CURRENT FILING DATE: 2003-02-27
; PRIOR APPLICATION NUMBER: 60/228,906
; PRIOR FILING DATE: 2000-08-29
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-363-082-2

Query Match
Best Local Similarity 100.0%; Score 40; DB 12; Length 28;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||
Db 16 KLVFFAED 23

RESULT 30

US-10-159-279-5
; Sequence 5, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Herish, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Al
; FILE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0268
; CURRENT APPLICATION NUMBER: US/10/159,279
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 09/792,079
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-159-279-5

Query Match
Best Local Similarity 100.0%; Score 40; DB 14; Length 28;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||
Db 16 KLVFFAED 23

RESULT 31

US-09-861-847-1
; Sequence 1, Application US/09861847

Patent No. US20020077288A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: MISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Elmar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS TO
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA
; FILE REFERENCE: FRANGIONE-22
; CURRENT APPLICATION NUMBER: US/09/861,847
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/016,233
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-861-847-1

Query Match 100.0%; Score 40; DB 9; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.23; 0; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
Db 16 KLVFFPAD 23

RESULT 32
US-10-666-423-1
; Sequence 1, Application US/10666423
; Publication No. US20040043935A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: MISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Elmar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES
; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
; FILE REFERENCE: 5986/1K433-US1
; CURRENT APPLICATION NUMBER: US/10/666,423
; CURRENT FILING DATE: 2003-09-19
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/016,233
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-666-423-1

Query Match 100.0%; Score 40; DB 12; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.23; 0; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
Db 16 KLVFFPAD 23

RESULT 33
US-10-301-488A-1
; Sequence 1, Application US/10301488A
; Publication No. US2003016558A1

GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: MISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Elmar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRIOR PROTEIN, AMYLIN,
; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
; FILE REFERENCE: 5986/1K434US1
; CURRENT APPLICATION NUMBER: US/10/301,488A
; PRIOR FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 60/331,801
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-301-488A-1

Query Match 100.0%; Score 40; DB 14; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.23; 0; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
Db 16 KLVFFPAD 23

RESULT 34
US-09-930-915A-295
; Sequence 295, Application US/09930915A
; Publication No. US20030138769A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES HAVING ENHANCED
; FILE REFERENCE: 4564/83501 ICC-102.2 PCT
; CURRENT APPLICATION NUMBER: US/09/930,915A
; CURRENT FILING DATE: 2001-08-15
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,867
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 313
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 295
; LENGTH: 33
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-930-915A-295

Query Match 100.0%; Score 40; DB 10; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.25; 0; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
Db 16 KLVFFPAD 23

RESULT 35
US-10-082-014-84
; Sequence 84, Application US/10082014
; Publication No. US20030185858A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL
; FILE REFERENCE: ICC-130.0 4564/85124
; CURRENT APPLICATION NUMBER: US/10/082,014

/ CURRENT FILING DATE: 2002-02-22
 / PRIOR APPLICATION NUMBER: 09/930,915
 / PRIOR FILING DATE: 2001-08-15
 / NUMBER OF SEQ ID NOS: 290
 / SOFTWARE: Patent version 3.1
 / SEQ ID NO: 84
 / LENGTH: 33
 / TYPE: PRT
 / ORGANISM: Alzheimer's disease b-Amyloid
 US-10-082-014-84

Query Match
 Best Local Similarity 100.0%; Score 40; DB 14; Length 33;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
 |||||
 DB 16 KLVFFAED 23

RESULT 36
 US-10-372-076-85
 / Sequence 85, Application US/10372076
 / Publication No. US20030198645A1
 / GENERAL INFORMATION:
 / APPLICANT: Page, Mark
 / TITLE OF INVENTION: STABILIZED HBC CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR
 / FILE REFERENCE: 4564/87179
 / CURRENT APPLICATION NUMBER: US/10/372,076
 / CURRENT FILING DATE: 2003-02-21
 / PRIOR APPLICATION NUMBER: 10/080,299
 / PRIOR FILING DATE: 2002-02-21
 / PRIOR FILING DATE: 2002-02-22
 / NUMBER OF SEQ ID NOS: 308
 / SOFTWARE: Patent version 3.2
 / SEQ ID NO: 85
 / LENGTH: 33
 / TYPE: PRT
 / ORGANISM: Alzheimer's disease b-Amyloid
 US-10-372-076-85

Query Match
 Best Local Similarity 100.0%; Score 40; DB 14; Length 33;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
 |||||
 DB 16 KLVFFAED 23

RESULT 37
 US-09-867-847-3
 / Sequence 3, Application US/09867847
 / Patent No. US20020094335A1
 / GENERAL INFORMATION:
 / APPLICANT: Chalfour, Robert
 / APPLICANT: Hebert, Lisa
 / APPLICANT: Kong, Xiang
 / APPLICANT: Gervais, Francine
 / TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
 / FILE REFERENCE: 14445-501 CIP
 / CURRENT APPLICATION NUMBER: US/09/867,847
 / CURRENT FILING DATE: 2001-09-20
 / PRIOR APPLICATION NUMBER: 60/168,594
 / PRIOR FILING DATE: 1999-11-29
 / PRIOR APPLICATION NUMBER: 09/724,842
 / PRIOR FILING DATE: 2000-11-28
 / NUMBER OF SEQ ID NOS: 65
 / SOFTWARE: Patent version 2.1

/ SEQ ID NO: 3
 / LENGTH: 35
 / TYPE: PRT
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Description of Artificial Sequence: All D peptides
 / OTHER INFORMATION: or peptidomimetics
 US-09-867-847-3

Query Match
 Best Local Similarity 100.0%; Score 40; DB 9; Length 35;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
 |||||
 DB 16 KLVFFAED 23

RESULT 38
 US-09-972-475-16
 / Sequence 16, Application US/09972475
 / Patent No. US20020098173A1
 / GENERAL INFORMATION:
 / APPLICANT: Findeis, Mark A. et al.
 / TITLE OF INVENTION: Modulators of Amyloid Aggregation
 / NUMBER OF SEQUENCES: 45
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: LAHIVE & COCKFIELD, LLP
 / STREET: 28 State Street
 / CITY: Boston
 / STATE: Massachusetts
 / COUNTRY: USA
 / ZIP: 02109-1875
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Patent Release #1.0, Version #1.25
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/09/972,475
 / FILING DATE: 04-Oct-2001
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: 08/617,267
 / FILING DATE: <Unknown>
 / APPLICATION NUMBER: USSN 08/475,579
 / FILING DATE: 07-JUN-1995
 / APPLICATION NUMBER: USSN 08/548,998
 / FILING DATE: 27-OCT-1995
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Deconli, Giulio A.
 / REGISTRATION NUMBER: 31,503
 / REFERENCE/DOCKET NUMBER: PPI-002CP2
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (617)227-7400
 / TELEFAX: (617)227-5941
 / INFORMATION FOR SEQ ID NO: 16:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 35 amino acids
 / TYPE: amino acid
 / TOPOLOGY: linear
 / MOLECULE TYPE: peptide
 / FRAGMENT TYPE: internal
 / SEQUENCE DESCRIPTION: SEQ ID NO: 16:
 US-09-972-475-16

Query Match
 Best Local Similarity 100.0%; Score 40; DB 9; Length 35;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
 |||||
 DB 11 KLVFFAED 18

```
RESULT 39
US-10-463-729-16
; Sequence 16, Application US/10463729
; Publication No. US20040005307A1
; GENERAL INFORMATION:
; APPLICANT: Fandels, Mark A. et al.
; TITLE OF INVENTION: Modulators of Amyloid Aggregation
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/463,729
; FILING DATE: 17-JUNE-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/617,267C
; FILING DATE: 14-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/404,831
; FILING DATE: 14-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/475,579
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/548,998
; FILING DATE: 27-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DeConti, Giulio A.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: PPI-002CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-10-463-729-16

Query Match          100.0%; Score 40; DB 15; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.27;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Q#      1 KLVFFAED 8
      |||||
Db      11 KLVFFAED 18

RESULT 40
US-09-861-847-6
; Sequence 6, Application US/09861847
; Patent No. US20020077288A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Bias
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS TO
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA
; FILE REFERENCE: FRANGIONE=2A
```

```
; CURRENT APPLICATION NUMBER: US/09/861,847
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/016,233
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patent version 3.0
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PPT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; NAME/KEY: misc feature
; OTHER INFORMATION: C-terminal residue 36 may be amidated.
US-09-861-847-6
```

```
Query Match          100.0%; Score 40; DB 9; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Q#      1 KLVFFAED 8
      |||||
Db      22 KLVFFAED 29
```

```
RESULT 41
US-09-861-847-11
; Sequence 11, Application US/09861847
; Patent No. US20020077288A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Bias
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS TO
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID B
; FILE REFERENCE: FRANGIONE=2A
; CURRENT APPLICATION NUMBER: US/09/861,847
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/016,233
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patent version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PPT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-861-847-11
```

```
Query Match          100.0%; Score 40; DB 9; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Q#      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23
```

```
RESULT 42
US-10-666-423-6
; Sequence 6, Application US/10666423
; Publication No. US20040043935A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Bias
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES
; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
; TITLE OF INVENTION: RESPONSE TO AMYLOID BETA AND AMYLOID DEPOSITS
; FILE REFERENCE: 5986/1K433-US1
; CURRENT APPLICATION NUMBER: US/10/666,423
```

;; CURRENT FILING DATE: 2003-09-19
;; PRIOR APPLICATION NUMBER: US/09/861,847A
;; PRIOR FILING DATE: 2001-05-22
;; PRIOR APPLICATION NUMBER: 60/016,233
;; PRIOR FILING DATE: 2000-05-22
;; NUMBER OF SEQ ID NOS: 15
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO: 6
;; LENGTH: 36
;; TYPE: PRT
;; ORGANISM: Artificial
;; FEATURE:
;; OTHER INFORMATION: Synthetic
;; NAME/KEY: misc feature
;; OTHER INFORMATION: C-terminal residue 36 may be amidated.
US-10-666-423-6

Query Match 100.0%; Score 40; DB 12; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.28; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
DB 22 KLVFFPAD 29

RESULT 43
US-10-666-423-11
;; Sequence 11, Application US/10666423
;; Publication No. US2004004335A1
;; GENERAL INFORMATION:
;; APPLICANT: FRANGIONE, Bias
;; APPLICANT: WISNIEWSKI, Thomas
;; APPLICANT: SIGURDSSON, Einar
;; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDGENIC PEPTIDES
;; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
;; FILE REFERENCE: 5986/1K433-US1
;; CURRENT APPLICATION NUMBER: US/10/666,423
;; CURRENT FILING DATE: 2003-09-19
;; PRIOR APPLICATION NUMBER: US/09/861,847A
;; PRIOR FILING DATE: 2001-05-22
;; PRIOR APPLICATION NUMBER: 60/016,233
;; PRIOR FILING DATE: 2000-05-22
;; NUMBER OF SEQ ID NOS: 15
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO: 11
;; LENGTH: 36
;; TYPE: PRT
;; ORGANISM: Artificial
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-10-666-423-11

Query Match 100.0%; Score 40; DB 12; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.28; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
DB 16 KLVFFPAD 23

RESULT 44
US-10-301-488A-6
;; Sequence 6, Application US/10301488A
;; Publication No. US2003016658A1
;; GENERAL INFORMATION:
;; APPLICANT: FRANGIONE, Bias
;; APPLICANT: WISNIEWSKI, Thomas
;; APPLICANT: SIGURDSSON, Einar
;; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND

;; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
;; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
;; TITLE OF INVENTION: IMMUNE RESPONSE THEREO
;; FILE REFERENCE: 5986/1K434US1
;; CURRENT APPLICATION NUMBER: US/10/301,488A
;; CURRENT FILING DATE: 2002-11-21
;; PRIOR APPLICATION NUMBER: US/60/331,801
;; PRIOR FILING DATE: 2001-11-21
;; NUMBER OF SEQ ID NOS: 55
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO: 6
;; LENGTH: 36
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
;; NAME/KEY: misc feature
;; OTHER INFORMATION: C-terminal residue 36 may be amidated.
US-10-301-488A-6

Query Match 100.0%; Score 40; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.28; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
DB 22 KLVFFPAD 29

RESULT 45
US-10-301-488A-11
;; Sequence 11, Application US/10301488A
;; Publication No. US2003016658A1
;; GENERAL INFORMATION:
;; APPLICANT: FRANGIONE, Bias
;; APPLICANT: WISNIEWSKI, Thomas
;; APPLICANT: SIGURDSSON, Einar
;; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
;; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
;; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
;; TITLE OF INVENTION: IMMUNE RESPONSE THEREO
;; FILE REFERENCE: 5986/1K434US1
;; CURRENT APPLICATION NUMBER: US/10/301,488A
;; CURRENT FILING DATE: 2002-11-21
;; PRIOR APPLICATION NUMBER: US/60/331,801
;; PRIOR FILING DATE: 2001-11-21
;; NUMBER OF SEQ ID NOS: 55
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO: 11
;; LENGTH: 36
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-10-301-488A-11

Query Match 100.0%; Score 40; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.28; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
DB 16 KLVFFPAD 23

RESULT 46
US-10-051-496-5
;; Sequence 5, Application US/10051496
;; Publication No. US2002018260A1
;; GENERAL INFORMATION:
;; APPLICANT: Kaji-Iai T. Fong
;; TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for

```

Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-39)
Abeta(1-41), Abeta(1-42) and Abeta (1-43)
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSER: Kei-Lai L. Fong
STREET: 1004 West 8th Avenue
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.50 inch, 1.44MB storage
COMPUTER: IBM PC Compatibles
OPERATING SYSTEM: Windows
SOFTWARE: MS NO. US2002018260A1epad
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,854A
FILING DATE: 16-Feb-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/784,854A
FILING DATE: 16-Feb-2001
APPLICATION NUMBER: 60/183,407
FILING DATE: 18-February-2000
ATTORNEY/AGENT INFORMATION:
NAME: Koenig, C. Frederick III
REGISTRAR NUMBER: 29,662
REFERENCE/DOCKET NUMBER: PBI-PT001.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-6400
TELEFAX: (215) 568-6499
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 Amino Acid
TYPE: Amino Acid
TOPOLOGY: Linear
MOLECULE TYPE: Protein
FEATURE:
NAME/KEY: Signal Sequence
LOCATION: 1-39
IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS:
TITLE:
JOURNAL:
VOLUME:
ISSUE:
PAGES:
DATE:
RELEVANT RESIDUES IN SEQ ID NO: 5: FROM 1-39
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-051-496-5

Query Match          100.0%; Score 40; DB 13; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.3;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      1 KLVFFAED 8
Db      16 KLVFFAED 23

RESULT 47
US-10-190-548A-5
Sequence 5, Application US/10190548A
Publication No. US20030109435A1
GENERAL INFORMATION:
APPLICANT: Griswold Premier, Irene
APPLICANT: Wright, Sarah
APPLICANT: Yednock, Theodore
APPLICANT: Rydel, Russell
TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity

```

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FILE REFERENCE: 08576.0030-00
CURRENT APPLICATION NUMBER: US/10/190,548A
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 39
TYPE: PRT
ORGANISM: homo sapiens
US-10-190-548A-5

Query Match          100.0%; Score 40; DB 14; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.3;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      1 KLVFFAED 8
Db      16 KLVFFAED 23

RESULT 48
US-09-861-847-7
Sequence 7, Application US/09861847
Patent No. US2002007288A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Bias
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSON, Einar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA
TITLE OF INVENTION: AMYLOID DEPOSITS
FILE REFERENCE: FRANGIONE-2A
CURRENT APPLICATION NUMBER: US/09/861,847
CURRENT FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
LENGTH: 40
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as Lys
OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal
NAME/KEY: misc feature
OTHER INFORMATION: The C-terminal Ala residue may be amidated.
US-09-861-847-7

Query Match          100.0%; Score 40; DB 9; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      1 KLVFFAED 8
Db      26 KLVFFAED 33

RESULT 49
US-09-861-847-8
Sequence 8, Application US/09861847
Patent No. US2002007288A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Bias
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSON, Einar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA
TITLE OF INVENTION: AMYLOID DEPOSITS
FILE REFERENCE: FRANGIONE-2A

```

;; CURRENT APPLICATION NUMBER: US/09/861,847
;; CURRENT FILING DATE: 2001-05-22
;; PRIOR APPLICATION NUMBER: 60/016,233
;; PRIOR FILING DATE: 2000-05-22
;; NUMBER OF SEQ ID NOS: 14
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 8
;; LENGTH: 40
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; NAME/KEY: misc feature
;; OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as Lys
;; OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-terminal
;; OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length.
US-09-861-847-8

Query Match 100.0%; Score 40; DB 9; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
|||
Db 16 KLVFFPAD 23

RESULT 50
US-09-867-847-2
;; Sequence 2, Application US/09867847
;; Patent No. US20020094335A1
;; GENERAL INFORMATION:
;; APPLICANT: Chalfour, Robert
;; APPLICANT: Hebert, Iase
;; APPLICANT: Kong, Xiangdi
;; APPLICANT: Gervais, Francine
;; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
;; TITLE OF INVENTION: AND AMYLOID RELATED DISEASES
;; FILE REFERENCE: 1445-501 CIP
;; CURRENT APPLICATION NUMBER: US/09/867,847
;; CURRENT FILING DATE: 2001-09-20
;; PRIOR APPLICATION NUMBER: 60/168,594
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: 09/724,842
;; PRIOR FILING DATE: 2000-11-28
;; NUMBER OF SEQ ID NOS: 65
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 2
;; LENGTH: 40
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: All D peptides
;; OTHER INFORMATION: or peptidomimetics
US-09-867-847-2

Query Match 100.0%; Score 40; DB 9; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
|||
Db 16 KLVFFPAD 23

RESULT 51
US-09-988-842-3
;; Sequence 3, Application US/09988842
;; Patent No. US20020143105A1
;; GENERAL INFORMATION:
;; APPLICANT: Johansson, Jan
;; TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION
;; TITLE OF INVENTION: OF AMYLOID FORMATION

;; FILE REFERENCE: 12125-002001
;; CURRENT APPLICATION NUMBER: US/09/988,842
;; CURRENT FILING DATE: 2001-11-19
;; PRIOR APPLICATION NUMBER: US 60/251,662
;; PRIOR FILING DATE: 2000-12-06
;; PRIOR APPLICATION NUMBER: US 60/253,695
;; PRIOR FILING DATE: 2000-11-20
;; NUMBER OF SEQ ID NOS: 26
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 3
;; LENGTH: 40
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetically generated peptide
US-09-988-842-3

Query Match 100.0%; Score 40; DB 9; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
|||
Db 16 KLVFFPAD 23

RESULT 52
US-09-851-071-3
;; Sequence 3, Application US/09851071
;; Patent No. US20020177550A1
;; GENERAL INFORMATION:
;; APPLICANT: Schmidt, Anne Marie
;; APPLICANT: Stern, David
;; TITLE OF INVENTION: A METHOD FOR INHIBITING TUMOR INVASION OR SPREADING IN A SUBE
;; FILE REFERENCE: 0575/55424-Z/JPW/SHS/WM
;; CURRENT APPLICATION NUMBER: US/09/851,071
;; CURRENT FILING DATE: 2001-05-08
;; NUMBER OF SEQ ID NOS: 6
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 3
;; LENGTH: 40
;; TYPE: PRT
;; ORGANISM: Human
US-09-851-071-3

Query Match 100.0%; Score 40; DB 9; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
|||
Db 16 KLVFFPAD 23

RESULT 53
US-09-962-955C-36
;; Sequence 36, Application US/09962955C
;; Publication No. US20030013648A1
;; GENERAL INFORMATION:
;; APPLICANT: Gerardo M. Castillo
;; APPLICANT: Alan D. Snow
;; NUMBER OF SEQUENCES: 37
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Patrick M. Dwyer
;; STREET: Proteotech, Inc, 1818 Westlake Avenue N, Suite 114
;; CITY: Seattle
;; STATE: WA (Washington)
;; COUNTRY: United States of America
;; ZIP: 98109
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage
;; COMPUTER: IBM PC
;; OPERATING SYSTEM: Windows 98

SOFTWARE: WordPerfect 9
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/962,955C
FILING DATE: 24-September-2001
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/938,275
FILING DATE: 22-August-2001
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Dwyer, Patrick M.
REGISTRATION NUMBER: 32,411
REFERENCE/DOCKET NUMBER: PROTO.P03CI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 343-7074
TELEFAX: (206) 343-7085
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
ORIGINAL SOURCE:
ORGANISM: MOUSE
FEATURE:
OTHER INFORMATION: Also referred to in the specification as "AB 1-40"
US-09-962-955C-36

Query Match 100.0%; Score 40; DB 10; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 54
US-09-792-079-12
Sequence 12, Application US/09792079
Publication No. US20030083277A1
GENERAL INFORMATION:
APPLICANT: University of Kentucky Research Foundation
APPLICANT: Hersh, Louis B.
APPLICANT: Mulherjee, Atish
TITLE OF INVENTION: Use of Insulin Degrading Enzyme (IDE) For The Treatment Of Alchei
FILE REFERENCE: 050229-0261
CURRENT APPLICATION NUMBER: US/09/792,079
CURRENT FILING DATE: 2001-02-26
PRIOR APPLICATION NUMBER: 60/184,826
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 40
TYPE: PRT
ORGANISM: Homo sapiens
US-09-792-079-12

Query Match 100.0%; Score 40; DB 10; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 55
US-10-337-261-1
Sequence 1, Application US/10337261
Publication No. US20040028673A1

GENERAL INFORMATION:
APPLICANT: Netzer, William
APPLICANT: Greengard, Paul
APPLICANT: Xu, Huaxi
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF AMYL
FILE REFERENCE: 11181-014-999
CURRENT APPLICATION NUMBER: US/10/337,261
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: 60/345,009
PRIOR FILING DATE: 2002-01-04
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 40
TYPE: PRT
ORGANISM: Homo sapiens
US-10-337-261-1

Query Match 100.0%; Score 40; DB 12; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 56
US-10-666-423-7
Sequence 7, Application US/10666423
Publication No. US20040043935A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSSON, Elmar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDGENIC PEPTIDES
TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
FILE REFERENCE: 5986/1K433-US1
CURRENT APPLICATION NUMBER: US/10/666,423
CURRENT FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: US/09/861,847A
PRIOR FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
LENGTH: 40
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic
NAME/KEY: misc feature
OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as Lys
OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal
OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: The C-terminal Ala residue may be amidated.
US-10-666-423-7

Query Match 100.0%; Score 40; DB 12; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
DB 26 KLVFFAED 33

RESULT 57
US-10-666-423-8
Sequence 8, Application US/10666423
Publication No. US20040043935A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSON, Einar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDGENIC PEPTIDES
TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
FILE REFERENCE: 5986/1K43-US1
CURRENT APPLICATION NUMBER: US/10/666,423
CURRENT FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: US/09/861,847A
PRIOR FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 8
LENGTH: 40
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic
NAME/KEY: misc.feature
OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as Lys
OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-terminal
OTHER INFORMATION: polyllysine or polyaspartate segment of 4-10 residues in length
US-10-666-423-8

Query Match
Best Local Similarity 100.0%; Score 40; DB 12; Length 40;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 58
US-10-007-779A-1
Sequence 1, Application US/1007779A
Publication No. US20020168753A1
GENERAL INFORMATION:
APPLICANT: Castillo, Gerardo and Snow, Alan
TITLE OF INVENTION: In Vitro Formation of Congophilic
Therapeutics for the Treatment of Alzheimer's and Prion Dis
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Patrick M. Dwyer
STREET: ProteoTech, Inc., 1818 Westlake Ave N, Suite 114
CITY: Seattle
STATE: WA (Washington)
COUNTRY: USA
ZIP: 98109
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: PC
OPERATING SYSTEM: Windows 98
SOFTWARE: Wordperfect 9
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,779A
FILING DATE: 28-Apr-2002
CLASSIFICATION: Unknown
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/267,795
FILING DATE: 12-March-1999
ATTORNEY/AGENT INFORMATION:
NAME: Dwyer, Patrick M.

REGISTRATION NUMBER: 32,411
REFERENCE/DOCKET NUMBER: PROTEO.P08
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 343-7074
TELEFAX: (206) 343-7085
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS: <unknown>
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-007-779A-1

Query Match
Best Local Similarity 100.0%; Score 40; DB 13; Length 40;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 59
US-10-051-496-4
Sequence 4, Application US/10051496
Publication No. US2002018260A1
GENERAL INFORMATION:
APPLICANT: Kel-Lai L. Fong
TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for
Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-
Abeta(1-41), Abeta(1-42) and Abeta(1-43)

NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kel-Lai L. Fong
STREET: 1004 West 8th Avenue
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.50 inch, 1.44MB storage
COMPUTER: IBM PC Compatibles
OPERATING SYSTEM: Windows
SOFTWARE: MS No. US2002018260A1epad
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/051,496
FILING DATE: 18-Jan-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/784,854A
FILING DATE: 16-Feb-2001
APPLICATION NUMBER: 60/183,407
FILING DATE: 18-February-2000
ATTORNEY/AGENT INFORMATION:
NAME: Koenig, C. Frederick III
REGISTRATION NUMBER: 29,662
REFERENCE/DOCKET NUMBER: PB1-PT001.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-6400
TELEFAX: (215) 568-6499
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 Amino Acid
TYPE: Amino Acid
TOPOLOGY: Linear
MOLECULE TYPE: Protein
FEATURE:
NAME/KEY: Signal Sequence
LOCATION: 1-40
IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic
OTHER INFORMATION:

```
/ PUBLICATION INFORMATION:
/ AUTHORS:
/ TITLE:
/ JOURNAL:
/ VOLUME:
/ ISSUE:
/ PAGES:
/ DATE:
/ RELEVANT RESIDUES IN SEQ ID NO: 4: FROM 1-40
/ SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-051-496-4

Query Match      100.0%; Score 40; DB 13; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 KLVFFAED 8
        |||||
        16 KLVFFAED 23

Db

RESULT 60
US-10-217-584-3
/ Sequence 3, Application US/10217584
/ Publication No. US20030077261A1
/ GENERAL INFORMATION:
/ APPLICANT: Paris, Daniel
/ APPLICANT: Mullar, Michael
/ TITLE OF INVENTION: Modulation of Angiogenesis by A-Beta Peptides
/ FILE REFERENCE: USF-T161XCI
/ CURRENT APPLICATION NUMBER: US/10/217,584
/ PRIOR FILING DATE: 2002-08-12
/ PRIOR APPLICATION NUMBER: 60/311,656
/ PRIOR FILING DATE: 2001-08-10
/ NUMBER OF SEQ ID NOS: 11
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 3
/ LENGTH: 40
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: PEPTIDE
/ LOCATION: (1)..(40)
/ OTHER INFORMATION: A-beta 1-40 peptide
US-10-217-584-3

Query Match      100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 KLVFFAED 8
        |||||
        16 KLVFFAED 23

Db

RESULT 61
US-10-169-580-1
/ Sequence 1, Application US/10169580
/ Publication No. US20030100477A1
/ GENERAL INFORMATION:
/ APPLICANT: Yamamouchi Pharmaceutical Co., Ltd.
/ TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCTION
/ FILE REFERENCE: 070898
/ CURRENT APPLICATION NUMBER: US/10/169,580
/ PRIOR FILING DATE: 2002-07-08
/ PRIOR APPLICATION NUMBER: 2000-131037
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: PCT/JP01/03555
/ PRIOR FILING DATE: 2001-04-25
/ NUMBER OF SEQ ID NOS: 21
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 1
/ LENGTH: 40

/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-169-580-1

Query Match      100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 KLVFFAED 8
        |||||
        16 KLVFFAED 23

Db

RESULT 62
US-10-143-534-3
/ Sequence 3, Application US/10143534
/ Publication No. US20030105152A1
/ GENERAL INFORMATION:
/ APPLICANT: Ingram, Vernon M.
/ APPLICANT: Blanchard, Barbara J.
/ TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE
/ FILE REFERENCE: M00656/70078
/ CURRENT APPLICATION NUMBER: US/10/143,534
/ PRIOR FILING DATE: 2002-05-10
/ PRIOR APPLICATION NUMBER: US 10/051,663
/ PRIOR FILING DATE: 2002-01-18
/ PRIOR APPLICATION NUMBER: US 09/706,574
/ PRIOR FILING DATE: 2000-11-03
/ NUMBER OF SEQ ID NOS: 3
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3
/ LENGTH: 40
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Peptide
US-10-143-534-3

Query Match      100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 KLVFFAED 8
        |||||
        16 KLVFFAED 23

Db

RESULT 63
US-10-190-548A-4
/ Sequence 4, Application US/10190548A
/ Publication No. US20030109435A1
/ GENERAL INFORMATION:
/ APPLICANT: Griswold Premier, Irene
/ APPLICANT: Wright, Sarah
/ APPLICANT: Vednock, Theodore
/ APPLICANT: Rydel, Russell
/ TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity
/ FILE REFERENCE: 08576.0030-00
/ CURRENT APPLICATION NUMBER: US/10/190,548A
/ PRIOR FILING DATE: 2002-12-09
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 4
/ LENGTH: 40
/ TYPE: PRT
/ ORGANISM: homo sapiens
US-10-190-548A-4

Query Match      100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 1 KLVFFAED 8
| | | | |
Db 16 KLVFFAED 23

RESULT 64
US-10-051-663-3
; Sequence 3, Application US/10051663
; Publication No. US20030114510A1
; GENERAL INFORMATION:
; APPLICANT: Ingram, Vernon M.
; APPLICANT: Blanchard, Barbara J.
; APPLICANT: Stockwell, Brent R.
; TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE
; FILE REFERENCE: M0656/7071
; CURRENT APPLICATION NUMBER: US/10/051,663
; CURRENT FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 09/706,574
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Version 3.0
; SEQ ID NO 3
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-051-663-3

Query Match 100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
| | | | |
Db 16 KLVFFAED 23

RESULT 65
US-10-151-614-1
; Sequence 1, Application US/10151614
; Publication No. US20030147811A1
; GENERAL INFORMATION:
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: TURNBULL, Daniel
; APPLICANT: SIGURDSON, Einar
; APPLICANT: ZAIM MADGHIRI, Youseef
; TITLE OF INVENTION: DETECTION OF ALZHEIMER'S AMYLOID BY MAGNETIC RESONANCE
; FILE REFERENCE: WISNIEWSKI 2A
; CURRENT APPLICATION NUMBER: US/10/151,614
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US 60/292,625
; PRIOR FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-151-614-1

Query Match 100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
| | | | |
Db 16 KLVFFAED 23

RESULT 66
US-10-159-279-12
; Sequence 12, Application US/10159279

; Publication No. US20030165481A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersh, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Al;
; FILE REFERENCE: 050229-0298
; CURRENT APPLICATION NUMBER: US/10/159,279
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 09/792,079
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 12
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-159-279-12

Query Match 100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
| | | | |
Db 16 KLVFFAED 23

RESULT 67
US-10-301-488A-7
; Sequence 7, Application US/10301488A
; Publication No. US2003016558A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Bias
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AN
; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF A
; TITLE OF INVENTION: IMMUNE RESPONSE THEREO
; FILE REFERENCE: 5986/1K4340S1
; CURRENT APPLICATION NUMBER: US/10/301,488A
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 60/331,801
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
; OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as Ly
; OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal
; OTHER INFORMATION: polylysine or polyaspartate segment of 4 to 10 residues in len
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: The C-terminal Ala residue may be amidated.
US-10-301-488A-7

Query Match 100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
| | | | |

Db 26 KLVFFAED 33

RESULT 68
US-10-301-488A-8
; Sequence 8, Application US/10301488A
; Publication No. US20030166558A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN
; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
; FILE REFERENCE: 5986/1K43U01
; CURRENT APPLICATION NUMBER: US/10/301,488A
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 60/331,801
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 8
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (31)..(40)
; OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as Lys
; OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-terminal
; OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length.
US-10-301-488A-8

Query Match 100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 KLVFFAED 8
Db 16 KLVFFAED 23

RESULT 69
US-10-366-125-27
; Sequence 27, Application US/10366125
; Publication No. US20030226259A1
; GENERAL INFORMATION:
; APPLICANT: Hellerstein, Marc
; TITLE OF INVENTION: MEASUREMENT OF BIOSYNTHESIS AND BREAKDOWN RATES OF
; TITLE OF INVENTION: BIOLOGICAL MOLECULES THAT ARE INACCESSIBLE OR NOT
; TITLE OF INVENTION: EASILY ACCESSIBLE TO DIRECT SAMPLING, NON-INVASIVELY,
; TITLE OF INVENTION: BY LABEL INCORPORATION INTO METABOLIC DERIVATIVES AND
; FILE REFERENCE: 416272003500
; CURRENT APPLICATION NUMBER: US/10/366,125
; CURRENT FILING DATE: 2003-02-12
; PRIOR APPLICATION NUMBER: US 60/356,008
; PRIOR FILING DATE: 2002-02-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 27
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-366-125-27

Query Match 100.0%; Score 40; DB 15; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 16 KLVFFAED 23

RESULT 70
US-10-051-496-3
; Sequence 3, Application US/10051496
; Publication No. US20020182660A1
; GENERAL INFORMATION:
; APPLICANT: Kei-lai L. Fong
; TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for
; Full Length Beta-Amyloid peptide - Abeta(1-40), Abeta(1-42), Abeta(1-43)
; Abeta(1-41), Abeta(1-42) and Abeta(1-43)
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Kei-lai L. Fong
; STREET: 1004 West 8th Avenue
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.50 inch, 1.44MB storage
; COMPUTER: IBM PC Compatibles
; OPERATING SYSTEM: Windows
; SOFTWARE: MS NO. US20020182660A1epad
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/051,496
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,854A
; FILING DATE: 16-Feb-2001
; APPLICATION NUMBER: 60/183,407
; FILING DATE: 18-February-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Koenig, C. Frederick III
; REGISTRATION NUMBER: 29,662
; REFERENCE/DOCKET NUMBER: PBI-PT001.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-6400
; TELEFAX: (215) 568-6499
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 Amino Acid
; TYPE: Amino Acid
; TOPOLOGY: Linear
; MOLECULE TYPE: Protein
; FEATURE:
; NAME/KEY: Signal Sequence
; LOCATION: 1-41
; IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic
; OTHER INFORMATION:
; PUBLICATION INFORMATION:
; AUTHORS:
; TITLE:
; JOURNAL:
; VOLUME:
; ISSUE:
; PAGES:
; DATE:
; RELEVANT RESIDUES IN SEQ ID NO: 3: FROM 1-41
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-051-496-3

Query Match 100.0%; Score 40; DB 13; Length 41;
Best Local Similarity 100.0%; Pred. No. 0.32;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 KLVFFAED 8
Db 16 KLVFFAED 23

RESULT 71
US-10-190-548A-3
Sequence 3, Application US/10190548A
Publication No. US20030109435A1
GENERAL INFORMATION:
APPLICANT: Griswold Premeer, Irene
APPLICANT: Wright, Sarah
APPLICANT: Yednock, Theodore
APPLICANT: Rydel, Russell
TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity
FILE REFERENCE: 08576 0030-00
CURRENT APPLICATION NUMBER: US/10/190,548A
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 41
TYPE: PRT
ORGANISM: homo sapiens
US-10-190-548A-3

Query Match 100.0%; Score 40; DB 14; Length 41;
Best Local Similarity 100.0%; Pred. No. 0.32;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 72
US-08-923-055-2
Sequence 2, Application US/08923055
Publication No. US20010016327A1
GENERAL INFORMATION:
APPLICANT: Dana Giuliani
TITLE OF INVENTION: Identification of Agents that Protect
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz
ADDRESSER: & No. US20010016327A1's LLP
STREET: One Liberty Place - 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT for WINDOWS 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/923,055
FILING DATE: Sept-03-97
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Lori Y. Beardsell
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: BYLR-0038
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-9100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
TYPE: amino acid
TOPOLOGY: linear

MOLECULE TYPE: peptide
US-08-923-055-2

Query Match 100.0%; Score 40; DB 8; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 73
US-09-867-847-1
Sequence 1, Application US/09867847
Patent No. US2002009435A1
GENERAL INFORMATION:
APPLICANT: Chalfour, Robert
APPLICANT: Hebert, Lise
APPLICANT: Kong, Xiangdi
APPLICANT: Getys, Francine
TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
FILE REFERENCE: 1445-501 CIP
CURRENT APPLICATION NUMBER: US/09/867,847
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 60/168,594
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: 09/724,842
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 42
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: All D peptides
US-09-867-847-1

Query Match 100.0%; Score 40; DB 9; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 74
US-09-956-625-26
Sequence 26, Application US/09956625
Patent No. US20020119926A1
GENERAL INFORMATION:
APPLICANT: Fraser, Paul
TITLE OF INVENTION: Inhibitors of IAPP Fibril Formation and Uses Thereof
FILE REFERENCE: 1445-503
CURRENT APPLICATION NUMBER: US/09/956,625
CURRENT FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: 60/233,482
PRIOR FILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
US-09-956-625-26

Query Match 100.0%; Score 40; DB 9; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 75

US-09-731-460-1
; Sequence 1, Application US/09731460
; Patent No. US20020137112A1
; GENERAL INFORMATION:
; APPLICANT: Choikier, Mario
; APPLICANT: Buck, Martina
; TITLE OF INVENTION: Compositions and Methods for Diagnosing Alzheimer's
; FILE REFERENCE: CHOUKIER-04302
; CURRENT APPLICATION NUMBER: US/09/731,460
; CURRENT FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-731-460-1

Query Match 100.0%; Score 40; DB 9; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 76

US-09-962-955C-37
; Sequence 37, Application US/09962955C
; Publication No. US20030013648A1
; GENERAL INFORMATION:
; APPLICANT: Gerardo M. Casillo
; APPLICANT: Alan D. Snow
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patrick M. Dwyer
; STREET: Proteotech, Inc, 1818 Westlake Avenue N, Suite 114
; CITY: Seattle
; STATE: WA (Washington)
; COUNTRY: United States of America
; ZIP: 98109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.50 inch, 1.44 MB storage
; COMPUTER: IBM PC
; OPERATING SYSTEM: Windows 98
; SOFTWARE: WordPerfect 9
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/962,955C
; FILING DATE: 24-September-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/938,275
; FILING DATE: 22-August-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Dwyer, Patrick M.
; REGISTRATION NUMBER: 32,411
; REFERENCE/DOCKET NUMBER: PROTEO.P03CI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 343-7074
; TELEFAX: (206) 343-7085
; INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:

LENGTH: 42 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS: LINEAR
TOPOLOGY: LINEAR
ORIGINAL SOURCE: MOUSE
ORGANISM: MOUSE
FEATURE:
OTHER INFORMATION: Also referred to in the specification as "AB 1-42"

Query Match 100.0%; Score 40; DB 10; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 77

US-09-848-616-174
; Sequence 174, Application US/09848616
; Publication No. US20030054010A1
; GENERAL INFORMATION:
; APPLICANT: Sebbei, Peter
; APPLICANT: Dunant, Nicolas
; APPLICANT: Bachmann, Martin
; APPLICANT: Tissot, Alain
; APPLICANT: Lechner, Franziska
; TITLE OF INVENTION: Molecular Antigen Array
; FILE REFERENCE: 1700.0180002
; CURRENT APPLICATION NUMBER: US/09/848,616
; CURRENT FILING DATE: 2001-05-05
; NUMBER OF SEQ ID NOS: 186
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 174
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Amyloid Beta Peptide
US-09-848-616-174

Query Match 100.0%; Score 40; DB 10; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KLVFFAED 8
DB 16 KLVFFAED 23

RESULT 78

US-09-865-294-65
; Sequence 65, Application US/09865294
; Publication No. US20030068325A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Chang Yi
; TITLE OF INVENTION: Immunogenic peptide composition as vaccines for the
; TITLE OF INVENTION: prevention and treatment of Alzheimer's Disease
; FILE REFERENCE: 1151-4167
; CURRENT APPLICATION NUMBER: US/09/865,294
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-865-294-65

Query Match 100.0%; Score 40; DB 10; Length 42;

Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFPAED 8
| | | | |
| | | | |
Db 16 KLVFPAED 23

RESULT 79
US-09-792-079-13
; Sequence 13, Application US/09792079
; Publication No. US2003008377A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Herish, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzheimer
; FILE REFERENCE: 050229-0261
; CURRENT FILING DATE: 2001-02-26
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-792-079-13

Query Match 100.0%; Score 40; DB 10; Length 42;

Best Local Similarity 100.0%; Pred. No. 0.33; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0;

QY 1 KLVFPAED 8
| | | | |
| | | | |
Db 16 KLVFPAED 23

RESULT 80
US-09-825-242-1
; Sequence 1, Application US/09825242
; Publication No. US2003009200CA1
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: NeutraLab Limited
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 152701-004720US
; CURRENT FILING DATE: 2001-04-02
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: 09/201,430
; PRIOR FILING DATE: 1998-04-07
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: human Abeta42 beta-amyloid peptide
US-09-825-242-1

Query Match 100.0%; Score 40; DB 10; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFPAED 8
| | | | |
| | | | |
Db 16 KLVFPAED 23

RESULT 81
US-09-930-915A-293
; Sequence 293, Application US/09930915A
; Publication No. US2003018769A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES HAVING ENHANCED
; FILE REFERENCE: 4564/83501 ICC-102.2 PCT
; CURRENT FILING DATE: 2001-08-15
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,843
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 313
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 293
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-930-915A-293

Query Match

Best Local Similarity 100.0%; Score 40; DB 10; Length 42;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFPAED 8
| | | | |
| | | | |
Db 16 KLVFPAED 23

RESULT 82
US-10-337-261-2
; Sequence 2, Application US/10337261
; Publication No. US20040028673A1
; GENERAL INFORMATION:
; APPLICANT: Netzer, William
; APPLICANT: Greengard, Paul
; APPLICANT: Xu, Hsaxi
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF AMYLC
; FILE REFERENCE: 11181-014-999
; CURRENT FILING DATE: 2003-01-06
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-337-261-2

Query Match 100.0%; Score 40; DB 12; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFPAED 8
| | | | |
| | | | |
Db 16 KLVFPAED 23

RESULT 83
US-10-363-082-1
; Sequence 1, Application US/10363082
; Publication No. US20040029279A1
; GENERAL INFORMATION:
; APPLICANT: American Cyanamid Company
; TITLE OF INVENTION: Packaging of positive-strand RNA virus replicon
; TITLE OF INVENTION: particles

FILE REFERENCE: 01142-0200-00304
CURRENT APPLICATION NUMBER: US/10/363,082
CURRENT FILING DATE: 2003-02-27
PRIOR APPLICATION NUMBER: 60/228,906
PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
US-10-363-082-1

Query Match
Best Local Similarity 100.0%; Score 40; DB 12; Length 42;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
| | | | |
Db 16 KLVFFPAD 23

RESULT 84
US-10-051-496-2
Sequence 2, Application US/10051496
Publication No. US20020182660A1
GENERAL INFORMATION:
APPLICANT: Kei-lai L. Fong
TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for
Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-39)
Abeta(1-41), Abeta(1-42) and Abeta(1-43)
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kei-lai L. Fong
STREET: 1004 West 8th Avenue
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.50 inch, 1.44MB storage
COMPUTER: IBM PC Compatibles
OPERATING SYSTEM: Windows
SOFTWARE: MS No. US20020182660A1epad
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/051,496
FILING DATE: 18-Jan-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/784,854A
FILING DATE: 16-Feb-2001
APPLICATION NUMBER: 60/183,407
FILING DATE: 18-February-2000
ATTORNEY/AGENT INFORMATION:
NAME: Koenig, C. Frederick III
REGISTRATION NUMBER: 29,662
REFERENCE/DOCKET NUMBER: PBI-PT001.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-6400
TELEFAX: (215) 568-6499
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 Amino Acid
TYPE: Amino Acid
TOPOLOGY: Linear
MOLECULE TYPE: Protein
FEATURE:
NAME/KEY: signal Sequence
LOCATION: 1-42
IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS:

TITLE:
JOURNAL:
VOLUME:
ISSUE:
PAGES:
DATE:
RELEVANT RESIDUES IN SEQ ID NO: 2: FROM 1-42
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-051-496-2

Query Match
Best Local Similarity 100.0%; Score 40; DB 13; Length 42;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
| | | | |
Db 16 KLVFFPAD 23

RESULT 85
US-10-082-804-7
Sequence 7, Application US/10082804
Publication No. US20020194632A1
GENERAL INFORMATION:
APPLICANT: McConlogue, Lisa
TITLE OF INVENTION: Transgenic Knockouts of BACE-1
FILE REFERENCE: MBHB 02-329-A
CURRENT APPLICATION NUMBER: US/10/082,804
CURRENT FILING DATE: 2002-02-22
PRIOR APPLICATION NUMBER: 60/271,092
PRIOR FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/271,514
PRIOR FILING DATE: 2001-02-26
PRIOR APPLICATION NUMBER: 60/293,762
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 7
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: A-beta 42 sequence.
US-10-082-804-7

Query Match
Best Local Similarity 100.0%; Score 40; DB 13; Length 42;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFPAD 8
| | | | |
Db 16 KLVFFPAD 23

RESULT 86
US-10-217-584-2
Sequence 2, Application US/10217584
Publication No. US20030077261A1
GENERAL INFORMATION:
APPLICANT: Paris, Daniel
TITLE OF INVENTION: Modulation of Angiogenesis by A-Beta Peptides
FILE REFERENCE: USF-T161XCI
CURRENT APPLICATION NUMBER: US/10/217,584
CURRENT FILING DATE: 2002-08-12
PRIOR APPLICATION NUMBER: 60/311,656
PRIOR FILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 42
TYPE: PRT

ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)..(42)
OTHER INFORMATION: A-beta 1-42 peptide
US-10-217-584-2

Query Match 100.0%; Score 40; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 16 KLVFFAED 23

RESULT 87
US-10-169-580-2
Sequence 2, Application US/10169580
Publication No. US20030100477A1
GENERAL INFORMATION:
APPLICANT: Yamouchi Pharmaceutical Co., Ltd.
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCTION
FILE REFERENCE: Q70898
CURRENT APPLICATION NUMBER: US/10/169,580
CURRENT FILING DATE: 2002-07-08
PRIOR APPLICATION NUMBER: 2000-131037
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: PCT/JP01/03555
PRIOR FILING DATE: 2001-04-25
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
US-10-169-580-2

Query Match 100.0%; Score 40; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 16 KLVFFAED 23

RESULT 88
US-10-278-181-1
Sequence 1, Application US/10278181
Publication No. US20030104488A1
GENERAL INFORMATION:
APPLICANT: Chojkier, Mario
APPLICANT: Buck, Martina
TITLE OF INVENTION: Compositions and Methods for Diagnosing Alzheimer's
TITLE OF INVENTION: Disease
FILE REFERENCE: CHOUKIER-04302
CURRENT APPLICATION NUMBER: US/10/278,181
CURRENT FILING DATE: 2002-10-21
PRIOR APPLICATION NUMBER: US/09/731,460
PRIOR FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 1
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 42
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-278-181-1

Query Match 100.0%; Score 40; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 KLVFFAED 8
Db 16 KLVFFAED 23

RESULT 89
US-10-143-534-2
Sequence 2, Application US/10143534
Publication No. US20030105152A1
GENERAL INFORMATION:
APPLICANT: Ingram, Vernon M.
APPLICANT: Blanchard, Barbara J.
APPLICANT: Stockwell, Brent R.
TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE
FILE REFERENCE: M00656/70078
CURRENT APPLICATION NUMBER: US/10/143,534
CURRENT FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: US 10/051,663
PRIOR FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 09/706,574
PRIOR FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn Version 3.0
SEQ ID NO 2
LENGTH: 42
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Peptide
US-10-143-534-2

Query Match 100.0%; Score 40; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 16 KLVFFAED 23

RESULT 90
US-10-190-548A-1
Sequence 1, Application US/10190548A
Publication No. US20030109435A1
GENERAL INFORMATION:
APPLICANT: Griswold, Premier, Irene
APPLICANT: Wright, Sarah
APPLICANT: Yednock, Theodore
TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity
FILE REFERENCE: 08576.0030-00
CURRENT APPLICATION NUMBER: US/10/190,548A
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
US-10-190-548A-1

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Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
Db 16 KLVFFAED 23

RESULT 91

US-10-051-663-2
; Sequence 2, Application US/10051663
; Publication No. US20030114510A1
; GENERAL INFORMATION:
; APPLICANT: Ingram, Vernon M.
; APPLICANT: Blanchard, Barbara J.
; APPLICANT: Stockwell, Brent R.
; TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE
; FILE REFERENCE: M0656/7071
; CURRENT APPLICATION NUMBER: US/10/051,663
; CURRENT FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 09/706,574
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Version 3.0
; SEQ ID NO 2
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-051-663-2

Query Match 100.0%; Score 40; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
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Db 16 KLVFFAED 23

RESULT 92
US-10-159-279-13
; Sequence 13, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Herish, Louis B.
; APPLICANT: Muhertee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
; FILE REFERENCE: 050229-0298
; CURRENT APPLICATION NUMBER: US/10/159,279
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 09/792,079
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 13
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-159-279-13

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Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
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Db 16 KLVFFAED 23

RESULT 93
US-10-318-302-4
; Sequence 4, Application US/10318302
; Publication No. US20030171556A1
; GENERAL INFORMATION:
; APPLICANT: POSCO
; APPLICANT: POSTECH FOUNDATION

APPLICANT: Chae, Chi-Bom
; APPLICANT: Cho, Yong Song
; APPLICANT: Yang, Seung-Pil
; APPLICANT: Kwon, Byung Oh
; APPLICANT: Bae, Dong-Goo
; APPLICANT: Hwang, Seowook
; TITLE OF INVENTION: BETA-AMYLOID BINDING FACTORS AND INHIBITORS THEREOF
; FILE REFERENCE: 10011-00001
; CURRENT APPLICATION NUMBER: US/10/318,302
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 4
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-318-302-4

Query Match 100.0%; Score 40; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||
Db 16 KLVFFAED 23

RESULT 94
US-10-050-902-220
; Sequence 220, Application US/10050902
; Publication No. US20030175290A1
; GENERAL INFORMATION:
; APPLICANT: Renner, Wolfgang A.
; APPLICANT: Bachmann, Martin
; APPLICANT: Tissot, Alain
; APPLICANT: Maurer, Patrick
; APPLICANT: Lechner, Franziska
; APPLICANT: Seibel, Peter
; APPLICANT: Plosek, Christine
; TITLE OF INVENTION: Molecular Antigen Array
; FILE REFERENCE: 1700-0190004
; CURRENT APPLICATION NUMBER: US/10/050,902
; CURRENT FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/262,379
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/286,545
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/326,998
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 60/331,045
; PRIOR FILING DATE: 2001-11-07
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 220
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Amyloid Beta Peptide
US-10-050-902-220

Query Match 100.0%; Score 40; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
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Db 16 KLVFFAED 23

RESULT 95
US-10-050-898-220
; Sequence 220, Application US/10050898
; Publication No. US20030175711A1
; GENERAL INFORMATION:

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; APPLICANT: Renner, Wolfgang A.
; APPLICANT: Bachmann, Martin
; APPLICANT: Tisseot, Alain
; APPLICANT: Maurer, Patrick
; APPLICANT: Lechner, Franziska
; APPLICANT: Seibel, Peter
; APPLICANT: Piossek, Christine
; APPLICANT: Ottmann, Rainer
; APPLICANT: Luond, Rainer
; APPLICANT: Staufenbiel, Matthias
; APPLICANT: Frey, Peter
; TITLE OF INVENTION: Molecular Antigen Array
; FILE REFERENCE: 1700.0190005
; CURRENT APPLICATION NUMBER: US/10/050.898
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/262.379
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/288.549
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/326.998
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 60/331.045
; PRIOR FILING DATE: 2001-11-07
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 220
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Amyloid Beta Peptide
US-10-050-898-220
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DB      16 KLVFFAED 23
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RESULT 96
US-10-082-014-81
; Sequence 81, Application US/10082014
; Publication No. US20030185858A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL CY
; FILE REFERENCE: ICC-130.0 4564/85124
; CURRENT APPLICATION NUMBER: US/10/082,014
; CURRENT FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: 09/930,915
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 81
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-082-014-81
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Best Local Similarity 100.0%; Pred. No. 0.33;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 KLVFFAED 8
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DB      16 KLVFFAED 23
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RESULT 97
US-10-372-076-82
; Sequence 82, Application US/10372076
; Publication No. US20030198645A1
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; GENERAL INFORMATION:
; APPLICANT: Page, Mark
; APPLICANT: Friede, Martin
; TITLE OF INVENTION: STABILIZED HBC CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR
; TITLE OF INVENTION: CHRONIC HEPATITIS
; FILE REFERENCE: 4564/87179
; CURRENT APPLICATION NUMBER: US/10/372,076
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: 10/080,299
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 10/082,014
; PRIOR FILING DATE: 2002-02-22
; NUMBER OF SEQ ID NOS: 308
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 82
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-372-076-82
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Best Local Similarity 100.0%; Pred. No. 0.33;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 KLVFFAED 8
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DB      16 KLVFFAED 23
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RESULT 98
US-10-231-298B-15
; Sequence 15, Application US/10231298B
; Publication No. US20030219853A1
; GENERAL INFORMATION:
; APPLICANT: Chou, Szu-Yi
; TITLE OF INVENTION: Method of Cross-Linking a Compound
; FILE REFERENCE: SAMG/0006
; CURRENT APPLICATION NUMBER: US/10/231,298B
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 60/361,166
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: 60/363,445
; PRIOR FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-231-298B-15
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Query Match          100.0%; Score 40; DB 15; Length 42;
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Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB      16 KLVFFAED 23
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RESULT 99
US-10-231-470C-15
; Sequence 15, Application US/10231470C
; Publication No. US20030219857A1
; GENERAL INFORMATION:
; APPLICANT: Chou, Szu-Yi
; TITLE OF INVENTION: Method Of Producing Transglutaminase Having Broad Substrate
; FILE REFERENCE: SAMG/0003
; CURRENT APPLICATION NUMBER: US/10/231,470C
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 60/361,166
; PRIOR FILING DATE: 2002-03-01
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; PRIOR APPLICATION NUMBER: 60/363,445
 ; PRIOR FILING DATE: 2002-03-08
 ; NUMBER OF SEQ ID NOS: 16
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 15
 ; LENGTH: 42
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-231-470C-15

Query Match 100.0%; Score 40; DB 15; Length 42;
 Best Local Similarity 100.0%; Pred. No. 0.33;
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QY 1 KLVFPAED 8
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 Db 16 KLVFPAED 23

RESULT 100
 US-10-366-125-28
 ; Sequence 28; Application US/10366125
 ; Publication No. US20030228259A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hellerstein, Marc
 ; TITLE OF INVENTION: MEASUREMENT OF BIOSYNTHESIS AND BREAKDOWN RATES OF
 ; TITLE OF INVENTION: BIOLOGICAL MOLECULES THAT ARE INACCESSIBLE OR NOT
 ; TITLE OF INVENTION: EASILY ACCESSIBLE TO DIRECT SAMPLING, NON-INVASIVELY,
 ; TITLE OF INVENTION: BY LABEL INCORPORATION INTO METABOLIC DERIVATIVES AND
 ; FILE REFERENCE: 416272003500
 ; CURRENT APPLICATION NUMBER: US/10/366,125
 ; CURRENT FILING DATE: 2003-02-12
 ; PRIOR APPLICATION NUMBER: US 60/356,008
 ; PRIOR FILING DATE: 2002-02-12
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 28
 ; LENGTH: 42
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-366-125-28

Query Match 100.0%; Score 40; DB 15; Length 42;
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QY 1 KLVFPAED 8
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 Db 16 KLVFPAED 23

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 Job time : 49 secs

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OM protein - protein search, using sw model

Run on: March 18, 2004, 07:57:54 ; Search time 35 Seconds

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Title: US-09-668-314C-84
Perfect score: 41
Sequence: 1 LVFFADPF 8

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Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum March 0%
Maximum March 100%

Listing first 1000 summaries

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Published Applications AA:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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2	35	85.4	9	9	US-09-899-615-2
3	35	85.4	9	14	US-10-235-483-64
4	35	85.4	11	9	US-09-988-842-9
5	35	85.4	11	9	US-09-988-842-25
6	35	85.4	11	14	US-10-235-483-14
7	35	85.4	13	14	US-10-281-483-1
8	35	85.4	14	9	US-09-992-800-5
9	35	85.4	14	9	US-09-992-800-5
10	35	85.4	14	15	US-10-385-065-5
11	35	85.4	15	9	US-09-972-475-14
12	35	85.4	15	9	US-09-996-357-9
13	35	85.4	15	14	US-10-235-483-56
14	35	85.4	15	14	US-10-235-483-57
15	35	85.4	15	14	US-10-235-483-58

16	35	85.4	15	14	US-10-235-483-59	Sequence 59, Appl
17	35	85.4	15	14	US-10-235-483-63	Sequence 63, Appl
18	35	85.4	15	14	US-10-235-483-65	Sequence 65, Appl
19	35	85.4	15	15	US-10-463-729-14	Sequence 14, Appl
20	35	85.4	17	9	US-09-992-800-3	Sequence 3, Appl
21	35	85.4	17	9	US-09-992-994-3	Sequence 3, Appl
22	35	85.4	17	10	US-09-998-491-8	Sequence 8, Appl
23	35	85.4	17	15	US-10-385-065-3	Sequence 3, Appl
24	35	85.4	19	10	US-09-825-242-5	Sequence 5, Appl
25	35	85.4	26	10	US-09-792-079-11	Sequence 11, Appl
26	35	85.4	26	14	US-10-159-279-11	Sequence 11, Appl
27	35	85.4	28	9	US-09-867-847-4	Sequence 4, Appl
28	35	85.4	28	10	US-09-865-234-6	Sequence 6, Appl
29	35	85.4	28	10	US-09-792-079-5	Sequence 5, Appl
30	35	85.4	28	12	US-10-363-082-2	Sequence 2, Appl
31	35	85.4	28	14	US-10-159-279-5	Sequence 5, Appl
32	35	85.4	30	9	US-09-861-847-1	Sequence 1, Appl
33	35	85.4	30	12	US-10-666-423-1	Sequence 1, Appl
34	35	85.4	30	14	US-10-301-488A-1	Sequence 1, Appl
35	35	85.4	30	10	US-09-930-915A-295	Sequence 95, App
36	35	85.4	33	14	US-10-082-014-84	Sequence 84, Appl
37	35	85.4	33	14	US-10-372-076-85	Sequence 85, Appl
38	35	85.4	35	9	US-09-867-847-3	Sequence 3, Appl
39	35	85.4	35	9	US-09-972-475-16	Sequence 16, Appl
40	35	85.4	35	15	US-10-463-729-16	Sequence 16, Appl
41	35	85.4	36	9	US-09-861-847-6	Sequence 6, Appl
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43	35	85.4	36	12	US-10-666-423-6	Sequence 6, Appl
44	35	85.4	36	12	US-10-666-423-11	Sequence 11, Appl
45	35	85.4	36	14	US-10-301-488A-6	Sequence 6, Appl
46	35	85.4	36	14	US-10-301-488A-11	Sequence 11, Appl
47	35	85.4	39	13	US-10-031-496-5	Sequence 5, Appl
48	35	85.4	39	14	US-10-190-588A-5	Sequence 5, Appl
49	35	85.4	40	9	US-09-861-847-7	Sequence 7, Appl
50	35	85.4	40	9	US-09-861-847-8	Sequence 8, Appl
51	35	85.4	40	9	US-09-867-847-2	Sequence 2, Appl
52	35	85.4	40	9	US-09-988-842-3	Sequence 3, Appl
53	35	85.4	40	9	US-09-851-071-3	Sequence 3, Appl
54	35	85.4	40	10	US-09-962-955C-36	Sequence 36, Appl
55	35	85.4	40	10	US-09-792-079-12	Sequence 12, Appl
56	35	85.4	40	12	US-10-337-261-1	Sequence 1, Appl
57	35	85.4	40	12	US-10-666-423-7	Sequence 7, Appl
58	35	85.4	40	12	US-10-666-423-8	Sequence 8, Appl
59	35	85.4	40	13	US-10-007-779A-1	Sequence 1, Appl
60	35	85.4	40	13	US-10-051-496-4	Sequence 4, Appl
61	35	85.4	40	14	US-10-217-584-3	Sequence 3, Appl
62	35	85.4	40	14	US-10-169-580-1	Sequence 1, Appl
63	35	85.4	40	14	US-10-169-580-1	Sequence 1, Appl
64	35	85.4	40	14	US-10-133-534-3	Sequence 3, Appl
65	35	85.4	40	14	US-10-130-548A-4	Sequence 4, Appl
66	35	85.4	40	14	US-10-051-663-3	Sequence 3, Appl
67	35	85.4	40	14	US-10-151-614-1	Sequence 1, Appl
68	35	85.4	40	14	US-10-159-279-12	Sequence 12, Appl
69	35	85.4	40	14	US-10-301-488A-7	Sequence 7, Appl
70	35	85.4	40	15	US-10-301-488A-8	Sequence 8, Appl
71	35	85.4	40	15	US-10-366-125-27	Sequence 27, Appl
72	35	85.4	41	13	US-10-051-496-3	Sequence 3, Appl
73	35	85.4	41	14	US-10-150-548A-3	Sequence 3, Appl
74	35	85.4	42	8	US-08-923-055-2	Sequence 2, Appl
75	35	85.4	42	9	US-09-867-847-1	Sequence 1, Appl
76	35	85.4	42	9	US-09-956-625-26	Sequence 26, Appl
77	35	85.4	42	9	US-09-731-460-1	Sequence 1, Appl
78	35	85.4	42	10	US-09-962-955C-37	Sequence 37, Appl
79	35	85.4	42	10	US-09-848-616-174	Sequence 174, App
80	35	85.4	42	10	US-09-865-294-6	Sequence 6, Appl
81	35	85.4	42	10	US-09-792-079-13	Sequence 13, Appl
82	35	85.4	42	10	US-09-825-242-1	Sequence 1, Appl
83	35	85.4	42	10	US-09-930-915A-293	Sequence 293, App
84	35	85.4	42	12	US-10-337-082-1	Sequence 2, Appl
85	35	85.4	42	12	US-10-363-082-1	Sequence 1, Appl
86	35	85.4	42	13	US-10-051-496-2	Sequence 2, Appl
87	35	85.4	42	13	US-10-082-804-7	Sequence 7, Appl
88	35	85.4	42	14	US-10-217-584-2	Sequence 2, Appl
			42	14	US-10-169-580-2	Sequence 2, Appl

89	35	85.4	42	14	US-10-278-181-1	Sequence 1, Appl1	162	35	85.4	108	15	US-10-275-025-13	Sequence 13, Appl1
90	35	85.4	42	14	US-10-143-534-2	Sequence 2, Appl1	163	35	85.4	117	9	US-09-794-975-6	Sequence 6, Appl1
91	35	85.4	42	14	US-10-190-448A-1	Sequence 1, Appl1	164	35	85.4	117	9	US-09-823-153-2	Sequence 2, Appl1
92	35	85.4	42	14	US-10-051-653-2	Sequence 2, Appl1	165	35	85.4	117	10	US-09-422-568-10	Sequence 10, Appl1
93	35	85.4	42	14	US-10-159-279-13	Sequence 13, Appl1	166	35	85.4	247	9	US-09-996-357-13	Sequence 13, Appl1
94	35	85.4	42	14	US-10-318-02-4	Sequence 4, Appl1	167	35	85.4	267	9	US-09-996-357-12	Sequence 12, Appl1
95	35	85.4	42	14	US-10-050-902-220	Sequence 220, App	168	35	85.4	283	15	US-10-188-297-2	Sequence 2, Appl1
96	35	85.4	42	14	US-10-050-898-220	Sequence 81, Appl1	169	35	85.4	285	15	US-10-188-297-1	Sequence 4, Appl1
97	35	85.4	42	14	US-10-082-014-81	Sequence 81, Appl1	170	35	85.4	355	9	US-09-794-975-13	Sequence 13, Appl1
98	35	85.4	42	14	US-10-372-076-82	Sequence 82, Appl1	171	35	85.4	534	10	US-09-998-491-2	Sequence 2, Appl1
99	35	85.4	42	15	US-10-231-298B-15	Sequence 15, Appl1	172	35	85.4	655	9	US-09-794-927-12	Sequence 10, Appl1
100	35	85.4	42	15	US-10-231-470C-15	Sequence 15, Appl1	173	35	85.4	655	9	US-09-794-927-12	Sequence 12, Appl1
101	35	85.4	42	15	US-10-366-542-28	Sequence 28, Appl1	174	35	85.4	695	9	US-09-794-927-14	Sequence 14, Appl1
102	35	85.4	42	15	US-10-411-544-2	Sequence 2, Appl1	175	35	85.4	695	9	US-09-795-847-10	Sequence 10, Appl1
103	35	85.4	42	15	US-10-231-213D-15	Sequence 15, Appl1	176	35	85.4	695	9	US-09-795-847-12	Sequence 12, Appl1
104	35	85.4	42	15	US-10-231-114C-15	Sequence 15, Appl1	177	35	85.4	695	9	US-09-795-847-14	Sequence 14, Appl1
105	35	85.4	43	9	US-09-280-966-1	Sequence 1, Appl1	178	35	85.4	695	9	US-09-794-743-12	Sequence 10, Appl1
106	35	85.4	43	9	US-09-904-987-1	Sequence 1, Appl1	179	35	85.4	695	9	US-09-794-743-10	Sequence 12, Appl1
107	35	85.4	43	9	US-09-808-037-3	Sequence 3, Appl1	180	35	85.4	695	9	US-09-794-743-14	Sequence 14, Appl1
108	35	85.4	43	9	US-09-868-712-3	Sequence 3, Appl1	181	35	85.4	695	9	US-09-794-748-10	Sequence 10, Appl1
109	35	85.4	43	9	US-09-972-475-1	Sequence 1, Appl1	182	35	85.4	695	9	US-09-794-748-12	Sequence 12, Appl1
110	35	85.4	43	9	US-09-992-800-1	Sequence 1, Appl1	183	35	85.4	695	9	US-09-794-748-14	Sequence 14, Appl1
111	35	85.4	43	9	US-09-895-443-1	Sequence 1, Appl1	184	35	85.4	695	9	US-09-794-925-10	Sequence 10, Appl1
112	35	85.4	43	9	US-09-996-357-1	Sequence 1, Appl1	185	35	85.4	695	9	US-09-794-925-12	Sequence 12, Appl1
113	35	85.4	43	9	US-09-992-994-1	Sequence 1, Appl1	186	35	85.4	695	9	US-09-794-925-14	Sequence 14, Appl1
114	35	85.4	43	9	US-09-984-834-1	Sequence 1, Appl1	187	35	85.4	695	9	US-09-681-442-10	Sequence 10, Appl1
115	35	85.4	43	10	US-09-425-956-1	Sequence 1, Appl1	188	35	85.4	695	9	US-09-681-442-12	Sequence 12, Appl1
116	35	85.4	43	10	US-09-942-253-1	Sequence 1, Appl1	189	35	85.4	695	9	US-09-681-442-14	Sequence 14, Appl1
117	35	85.4	43	13	US-10-041-605-1	Sequence 7, Appl1	190	35	85.4	695	9	US-09-149-718-2	Sequence 2, Appl1
118	35	85.4	43	13	US-10-076-708-7	Sequence 1, Appl1	191	35	85.4	695	10	US-09-869-414-10	Sequence 10, Appl1
119	35	85.4	43	13	US-10-051-496-1	Sequence 1, Appl1	192	35	85.4	695	10	US-09-869-414-12	Sequence 12, Appl1
120	35	85.4	43	14	US-10-217-459-1	Sequence 3, Appl1	193	35	85.4	695	10	US-09-865-414-14	Sequence 14, Appl1
121	35	85.4	43	14	US-10-162-889-3	Sequence 3, Appl1	194	35	85.4	695	10	US-09-548-366-10	Sequence 10, Appl1
122	35	85.4	43	14	US-10-217-584-1	Sequence 1, Appl1	195	35	85.4	695	10	US-09-548-366-12	Sequence 12, Appl1
123	35	85.4	43	14	US-10-326-049-1	Sequence 1, Appl1	196	35	85.4	695	10	US-09-548-366-14	Sequence 14, Appl1
124	35	85.4	43	14	US-10-190-548A-2	Sequence 22, Appl1	197	35	85.4	695	10	US-10-652-927-10	Sequence 10, Appl1
125	35	85.4	43	14	US-10-197-954-22	Sequence 1, Appl1	198	35	85.4	695	12	US-10-652-927-12	Sequence 12, Appl1
126	35	85.4	43	14	US-10-335-035-1	Sequence 1, Appl1	199	35	85.4	695	12	US-10-652-927-14	Sequence 14, Appl1
127	35	85.4	43	14	US-10-267-017-1	Sequence 1, Appl1	200	35	85.4	695	12	US-10-652-927-16	Sequence 16, Appl1
128	35	85.4	43	14	US-10-314-221-1	Sequence 1, Appl1	201	35	85.4	695	12	US-10-652-830-10	Sequence 10, Appl1
129	35	85.4	43	14	US-10-437-066-2	Sequence 2, Appl1	202	35	85.4	695	12	US-10-652-830-12	Sequence 12, Appl1
130	35	85.4	43	15	US-10-385-065-1	Sequence 1, Appl1	203	35	85.4	695	12	US-10-652-830-14	Sequence 14, Appl1
131	35	85.4	43	15	US-10-385-290-1	Sequence 1, Appl1	204	35	85.4	695	14	US-10-160-580-3	Sequence 3, Appl1
132	35	85.4	43	15	US-10-463-729-1	Sequence 1, Appl1	205	35	85.4	695	14	US-10-160-580-1	Sequence 1, Appl1
133	35	85.4	43	15	US-10-355-700-1	Sequence 1, Appl1	206	35	85.4	695	15	US-10-427-208-24	Sequence 24, Appl1
134	35	85.4	43	15	US-10-384-788-3	Sequence 3, Appl1	207	35	85.4	695	15	US-10-427-208-25	Sequence 25, Appl1
135	35	85.4	45	10	US-09-865-294-70	Sequence 70, Appl1	208	35	85.4	695	15	US-10-427-208-26	Sequence 26, Appl1
136	35	85.4	48	10	US-09-865-294-74	Sequence 74, Appl1	209	35	85.4	695	15	US-10-427-208-27	Sequence 27, Appl1
137	35	85.4	53	9	US-09-797-543-5	Sequence 5, Appl1	210	35	85.4	695	15	US-10-427-208-28	Sequence 28, Appl1
138	35	85.4	53	13	US-10-016-717-1	Sequence 1, Appl1	211	35	85.4	695	15	US-10-427-208-29	Sequence 29, Appl1
139	35	85.4	55	9	US-09-823-153-10	Sequence 10, Appl1	212	35	85.4	695	15	US-10-427-208-30	Sequence 30, Appl1
140	35	85.4	59	12	US-10-424-599-232746	Sequence 232746, Appl1	213	35	85.4	695	15	US-10-427-208-31	Sequence 31, Appl1
141	35	85.4	59	14	US-10-084-380A-1	Sequence 1, Appl1	214	35	85.4	695	15	US-10-427-208-32	Sequence 32, Appl1
142	35	85.4	67	14	US-10-437-706-1	Sequence 1, Appl1	215	35	85.4	695	15	US-10-427-208-33	Sequence 33, Appl1
143	35	85.4	70	9	US-09-155-076-14	Sequence 14, Appl1	216	35	85.4	695	15	US-10-427-208-34	Sequence 34, Appl1
144	35	85.4	82	10	US-09-848-616-173	Sequence 173, App	217	35	85.4	695	15	US-10-427-208-35	Sequence 35, Appl1
145	35	85.4	82	14	US-10-050-902-219	Sequence 219, App	218	35	85.4	695	15	US-10-427-208-36	Sequence 36, Appl1
146	35	85.4	82	14	US-10-050-902-219	Sequence 219, App	219	35	85.4	695	15	US-10-427-208-37	Sequence 37, Appl1
147	35	85.4	99	14	US-10-183-119-2	Sequence 2, Appl1	220	35	85.4	695	15	US-10-427-208-38	Sequence 38, Appl1
148	35	85.4	100	15	US-09-794-975-4	Sequence 4, Appl1	221	35	85.4	695	15	US-10-427-208-39	Sequence 39, Appl1
149	35	85.4	100	15	US-10-275-025-1	Sequence 1, Appl1	222	35	85.4	695	15	US-10-427-208-40	Sequence 40, Appl1
150	35	85.4	100	15	US-10-275-025-2	Sequence 2, Appl1	223	35	85.4	695	15	US-10-427-208-41	Sequence 41, Appl1
151	35	85.4	100	15	US-10-275-025-3	Sequence 3, Appl1	224	35	85.4	695	15	US-10-427-208-42	Sequence 42, Appl1
152	35	85.4	100	15	US-10-275-025-4	Sequence 4, Appl1	225	35	85.4	695	15	US-10-427-208-43	Sequence 43, Appl1
153	35	85.4	100	15	US-10-275-025-5	Sequence 5, Appl1	226	35	85.4	695	15	US-10-427-208-44	Sequence 44, Appl1
154	35	85.4	103	9	US-09-972-475-2	Sequence 2, Appl1	227	35	85.4	695	15	US-10-427-208-45	Sequence 45, Appl1
155	35	85.4	103	9	US-09-895-443-2	Sequence 2, Appl1	228	35	85.4	695	15	US-10-427-208-46	Sequence 46, Appl1
156	35	85.4	103	15	US-10-395-290-2	Sequence 2, Appl1	229	35	85.4	697	9	US-09-794-927-16	Sequence 16, Appl1
157	35	85.4	103	15	US-10-463-729-2	Sequence 2, Appl1	230	35	85.4	697	9	US-09-794-927-18	Sequence 18, Appl1
158	35	85.4	108	15	US-10-275-025-9	Sequence 9, Appl1	231	35	85.4	697	9	US-09-794-927-20	Sequence 20, Appl1
159	35	85.4	108	15	US-10-275-025-10	Sequence 10, Appl1	232	35	85.4	697	9	US-09-795-847-16	Sequence 16, Appl1
160	35	85.4	108	15	US-10-275-025-11	Sequence 11, Appl1	233	35	85.4	697	9	US-09-795-847-18	Sequence 18, Appl1
161	35	85.4	108	15	US-10-275-025-12	Sequence 12, Appl1	234	35	85.4	697	9	US-09-795-847-20	Sequence 20, Appl1

235	35	85.4	697	9	US-09-794-743-16	Sequence 16, Appl	308	35	85.4	772	9	US-09-794-927-59	Sequence 59, Appl
236	35	85.4	697	9	US-09-794-743-18	Sequence 18, Appl	309	35	85.4	772	9	US-09-795-847-59	Sequence 59, Appl
237	35	85.4	697	9	US-09-794-743-10	Sequence 20, Appl	310	35	85.4	772	9	US-09-794-743-59	Sequence 59, Appl
238	35	85.4	697	9	US-09-794-748-16	Sequence 16, Appl	311	35	85.4	772	9	US-09-794-748-59	Sequence 59, Appl
239	35	85.4	697	9	US-09-794-748-18	Sequence 18, Appl	312	35	85.4	772	9	US-09-794-748-59	Sequence 59, Appl
240	35	85.4	697	9	US-09-794-748-20	Sequence 20, Appl	313	35	85.4	772	9	US-09-794-925-59	Sequence 59, Appl
241	35	85.4	697	9	US-09-794-925-16	Sequence 16, Appl	314	35	85.4	772	10	US-09-861-414-59	Sequence 59, Appl
242	35	85.4	697	9	US-09-794-925-18	Sequence 18, Appl	315	35	85.4	772	10	US-09-861-414-59	Sequence 59, Appl
243	35	85.4	697	9	US-09-794-925-20	Sequence 20, Appl	316	35	85.4	772	10	US-09-861-414-59	Sequence 59, Appl
244	35	85.4	697	9	US-09-681-442-16	Sequence 16, Appl	317	35	85.4	772	12	US-10-652-927-59	Sequence 59, Appl
245	35	85.4	697	9	US-09-681-442-18	Sequence 18, Appl	318	35	85.4	772	12	US-10-652-927-59	Sequence 59, Appl
246	35	85.4	697	9	US-09-681-442-20	Sequence 20, Appl	319	33	80.5	455	15	US-10-365-443-51	Sequence 2151, A
247	35	85.4	697	10	US-09-869-414-16	Sequence 16, Appl	320	32	78.0	42	14	US-10-217-584-8	Sequence 8, Appl
248	35	85.4	697	10	US-09-869-414-18	Sequence 18, Appl	321	32	78.0	77	14	US-10-022-366-31405	Sequence 31405, A
249	35	85.4	697	10	US-09-869-414-20	Sequence 20, Appl	322	32	78.0	103	15	US-10-424-559-9-33906	Sequence 23906, A
250	35	85.4	697	10	US-09-548-366-16	Sequence 16, Appl	323	32	78.0	9	12	US-10-127-025-7	Sequence 7, Appl
251	35	85.4	697	10	US-09-548-366-18	Sequence 18, Appl	324	32	78.0	108	15	US-10-127-025-15	Sequence 15, Appl
252	35	85.4	697	10	US-09-548-366-20	Sequence 20, Appl	325	32	78.0	111	12	US-10-425-114-71395	Sequence 71395, A
253	35	85.4	697	12	US-10-652-927-16	Sequence 16, Appl	326	32	78.0	184	12	US-10-282-1122A-44439	Sequence 44439, A
254	35	85.4	697	12	US-10-652-927-18	Sequence 18, Appl	327	32	78.0	255	12	US-10-282-1122A-71321	Sequence 71321, A
255	35	85.4	697	12	US-10-652-927-20	Sequence 20, Appl	328	32	78.0	444	12	US-10-425-114-54152	Sequence 54152, A
256	35	85.4	697	12	US-10-652-830-16	Sequence 16, Appl	329	31	75.6	9	14	US-10-105-658-6167	Sequence 6167, Ap
257	35	85.4	697	12	US-10-652-830-18	Sequence 18, Appl	330	31	75.6	36	14	US-09-984-245-289	Sequence 289, App
258	35	85.4	697	12	US-10-652-830-20	Sequence 20, Appl	331	31	75.6	42	9	US-09-984-245-289	Sequence 289, App
259	35	85.4	697	12	US-09-794-927-57	Sequence 57, Appl	332	31	75.6	42	10	US-09-984-245-289	Sequence 289, App
260	35	85.4	751	9	US-09-795-847-57	Sequence 57, Appl	333	31	75.6	42	10	US-09-984-245-289	Sequence 289, App
261	35	85.4	751	9	US-09-794-743-57	Sequence 57, Appl	334	31	75.6	42	14	US-10-145-090-289	Sequence 289, App
262	35	85.4	751	9	US-09-794-748-57	Sequence 57, Appl	335	31	75.6	42	14	US-10-217-584-7	Sequence 7, Appl
263	35	85.4	751	9	US-09-794-925-57	Sequence 57, Appl	336	31	75.6	42	14	US-10-217-584-9	Sequence 9, Appl
264	35	85.4	751	9	US-09-681-442-57	Sequence 57, Appl	337	31	75.6	49	9	US-09-864-761-34163	Sequence 34163, A
265	35	85.4	751	9	US-09-149-718-4	Sequence 4, Appl	338	31	75.6	79	9	US-09-864-761-40407	Sequence 40407, A
266	35	85.4	751	10	US-09-869-414-57	Sequence 57, Appl	339	31	75.6	100	15	US-10-275-025-6	Sequence 6, Appl
267	35	85.4	751	10	US-09-548-366-57	Sequence 57, Appl	340	31	75.6	104	9	US-09-823-153-4	Sequence 4, Appl
268	35	85.4	751	12	US-10-652-927-57	Sequence 57, Appl	341	31	75.6	108	15	US-10-275-025-14	Sequence 14, Appl
269	35	85.4	751	12	US-10-652-830-57	Sequence 57, Appl	342	31	75.6	141	9	US-09-164-870-283	Sequence 283, App
270	35	85.4	751	14	US-10-169-580-4	Sequence 4, Appl	343	31	75.6	141	14	US-10-125-283-0	Sequence 283, App
271	35	85.4	751	14	US-10-357-935-2	Sequence 2, Appl	344	31	75.6	142	12	US-10-424-559-172534	Sequence 172534, App
272	35	85.4	751	15	US-10-427-208-74	Sequence 74, Appl	345	31	75.6	160	12	US-10-424-559-174706	Sequence 274706, A
273	35	85.4	753	9	US-09-794-927-61	Sequence 61, Appl	346	31	75.6	170	12	US-10-282-1122A-53314	Sequence 53314, A
274	35	85.4	753	9	US-09-795-847-61	Sequence 61, Appl	347	31	75.6	176	15	US-10-100-378A-81	Sequence 81, Appl
275	35	85.4	753	9	US-09-794-743-61	Sequence 61, Appl	348	31	75.6	179	14	US-10-156-761-0288	Sequence 10288, A
276	35	85.4	753	9	US-09-794-748-61	Sequence 61, Appl	349	31	75.6	193	9	US-09-984-245-284	Sequence 284, App
277	35	85.4	753	9	US-09-794-925-61	Sequence 61, Appl	350	31	75.6	193	10	US-09-984-245-284	Sequence 284, App
278	35	85.4	753	9	US-09-681-442-61	Sequence 61, Appl	351	31	75.6	193	10	US-09-984-245-284	Sequence 284, App
279	35	85.4	753	10	US-09-869-414-61	Sequence 61, Appl	352	31	75.6	193	10	US-09-984-245-284	Sequence 284, App
280	35	85.4	753	10	US-09-548-366-61	Sequence 61, Appl	353	31	75.6	220	12	US-10-143-090-294	Sequence 294, App
281	35	85.4	753	12	US-10-652-927-61	Sequence 61, Appl	354	31	75.6	220	12	US-10-425-114-54767	Sequence 54767, A
282	35	85.4	753	12	US-10-652-830-61	Sequence 61, Appl	355	31	75.6	259	9	US-09-738-625-6113	Sequence 6113, Ap
283	35	85.4	770	9	US-09-794-927-55	Sequence 55, Appl	356	31	75.6	582	9	US-09-916-685-4	Sequence 4, Appl
284	35	85.4	770	9	US-09-795-847-55	Sequence 55, Appl	357	31	75.6	582	9	US-09-801-196-27	Sequence 27, Appl
285	35	85.4	770	9	US-09-794-743-55	Sequence 55, Appl	358	31	75.6	582	9	US-09-919-497-84	Sequence 84, Appl
286	35	85.4	770	9	US-09-794-748-55	Sequence 55, Appl	359	31	75.6	582	14	US-09-916-849A-2	Sequence 2, Appl
287	35	85.4	770	9	US-09-904-987-2	Sequence 2, Appl	360	31	75.6	582	14	US-10-131-985-43	Sequence 43, Appl
288	35	85.4	770	9	US-09-794-925-55	Sequence 55, Appl	361	31	75.6	582	15	US-10-411-010-66	Sequence 25, Appl
289	35	85.4	770	9	US-09-681-442-55	Sequence 55, Appl	362	31	75.6	612	12	US-10-424-559-161227	Sequence 161227, A
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291	35	85.4	770	9	US-09-785-215-2	Sequence 2, Appl	364	31	75.6	811	12	US-10-363-616-594	Sequence 364, App
292	35	85.4	770	10	US-09-848-616-172	Sequence 172, App	365	31	75.6	830	12	US-10-363-616-594	Sequence 363, App
293	35	85.4	770	10	US-09-869-414-55	Sequence 55, Appl	366	31	75.6	896	15	US-09-909-320-34	Sequence 34, Appl
294	35	85.4	770	10	US-09-548-366-55	Sequence 55, Appl	367	31	75.6	915	9	US-09-909-320-34	Sequence 34, Appl
295	35	85.4	770	12	US-10-652-927-55	Sequence 55, Appl	368	31	75.6	915	9	US-09-909-320-34	Sequence 34, Appl
296	35	85.4	770	12	US-10-652-830-55	Sequence 55, Appl	369	31	75.6	915	9	US-09-909-320-34	Sequence 34, Appl
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302	35	85.4	770	14	US-10-010-942B-38	Sequence 38, Appl	375	31	75.6	915	10	US-09-906-838-4	Sequence 34, Appl
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306	35	85.4	770	15	US-10-427-208-75	Sequence 75, Appl	379	31	75.6	915	10	US-09-907-852-34	Sequence 34, Appl
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676	31	75.6	915	14	US-10-158-462-294	Sequence 294, App	752	753	31	75.6	915	14	US-10-123-816-294	Sequence 294, App
677	31	75.6	915	14	US-10-143-035-294	Sequence 294, App	754	755	31	75.6	915	14	US-10-123-816-294	Sequence 294, App
678	31	75.6	915	14	US-10-145-751-294	Sequence 294, App	756	757	31	75.6	915	14	US-10-123-890-294	Sequence 294, App
679	31	75.6	915	14	US-10-145-822-294	Sequence 294, App	758	759	31	75.6	915	14	US-10-123-704-294	Sequence 294, App
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ALIGNMENTS

RESULT 1
 ; Sequence 1, Application US/10235483
 ; Publication No. US20030087407A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SOTO-JARA, Claudio
 ; BAUMANN, Marc
 ; FRANGIONE, Bias
 ; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
 ; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
 ; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
 ; DEPOSITS
 ; NUMBER OF SEQUENCES: 69
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: BROWDY AND NEIMARK
 ; STREET: 419 Seventh Street, N.W., Suite 400
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20004
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/10/235,483
 ; FILING DATE: 06-Sep-2002
 ; CLASSIFICATION: <Unknown>
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/766,596
 ; FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/630,645
 FILING DATE: 10-APR-1996
 APPLICATION NUMBER: US 08/478,326
 FILING DATE: 06-JUN-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: YUN, Allen C.
 REGISTRATION NUMBER: 37,971
 REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-628-5197
 TELEFAX: 202-737-3528
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 8 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-10-235-483-1

Query Match 85.4%; Score 35; DB 14; Length 8;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFPAED 7
 DB 2 LVFPAED 8

RESULT 2
 ; Sequence 2, Application US/09899815
 ; Patent No. US20020162129A1
 ; GENERAL INFORMATION:
 ; APPLICANT: LANNFELT, Lars
 ; TITLE OF INVENTION: PREVENTION AND TREATMENT OF ALZHEIMER'S DISEASE
 ; FILE REFERENCE: LANNFELT-1A
 ; CURRENT APPLICATION NUMBER: US/09/899,815
 ; CURRENT FILING DATE: 2001-07-09
 ; PRIOR FILING DATE: 2000-07-10
 ; PRIOR APPLICATION NUMBER: US 60/217,098
 ; PRIOR FILING DATE: 2000-07-10
 ; PRIOR APPLICATION NUMBER: EP 00202387.7
 ; PRIOR FILING DATE: 2000-07-07
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: Patentin version 3.1
 ; SEQ ID NO: 2
 ; LENGTH: 9
 ; TYPE: PPT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: synthetic peptide (16-24 of SEQ ID NO:1)
 ; US-09-899-815-2

Query Match 85.4%; Score 35; DB 9; Length 9;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFPAED 7
 DB 2 LVFPAED 8

RESULT 3
 ; Sequence 64, Application US/10235483
 ; Publication No. US20030087407A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SOTO-JARA, Claudio
 ; BAUMANN, Marc
 ; FRANGIONE, Bias
 ; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
 ; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

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; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIK
; DEPOSITS
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NETMARK
; STREET: 419 Seventh Street, N.W., Suite 400
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/235,483
; FILING DATE: 06-SEP-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,596
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/630,645
; FILING DATE: 10-APR-1996
; APPLICATION NUMBER: US 08/478,326
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: YUN, Allen C
; REGISTRATION NUMBER: 37,971
; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 64:
US-10-235-483-64

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Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 3 LVFFAED 9

RESULT 4
US-09-988-842-9
; Sequence 9, Application US/09988842
; Patent No. US20020143105A1
; GENERAL INFORMATION:
; APPLICANT: Johanson, Jan
; TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION
; FILE REFERENCE: 12125-002001
; CURRENT APPLICATION NUMBER: US/09/988,842
; PRIOR FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: US 60/251,662
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: US 60/253,695
; PRIOR FILING DATE: 2000-11-20
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: Synthetically generated peptide
US-09-988-842-9
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Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
   |||||
DB 3 LVFFAED 9

RESULT 5
US-09-988-842-25
; Sequence 25, Application US/09988842
; Patent No. US20020143105A1
; GENERAL INFORMATION:
; APPLICANT: Johanson, Jan
; TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION
; FILE REFERENCE: 12125-002001
; CURRENT APPLICATION NUMBER: US/09/988,842
; CURRENT FILING DATE: 2001-11-19
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: US 60/251,662
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/253,695
; PRIOR FILING DATE: 2000-11-20
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated peptide
US-09-988-842-25

Query Match      85.4%; Score 35; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
   |||||
DB 3 LVFFAED 9

RESULT 6
US-10-235-483-14
; Sequence 14, Application US/10235483
; Publication No. US20030087407A1
; GENERAL INFORMATION:
; APPLICANT: SOTO-JARA, Claudio
; BAUMANN, Marc
; FRANGIONE, Bias
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEA
; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-
; DEPOSITS
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NETMARK
; STREET: 419 Seventh Street, N.W., Suite 400
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
```

APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-235-483-14

Query Match 85.4%; Score 35; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LVFFAED 7
Db 3 LVFFAED 9

RESULT 7
US-10-281-458-1
Sequence 1, Application US/10281458
Publication No. US20030108978A1
GENERAL INFORMATION:
APPLICANT: Gibbons, Ian
TITLE OF INVENTION: Whole Cell Assay Systems for Cell
FILE REFERENCE: 50225-8093, US03
CURRENT APPLICATION NUMBER: US/10/281,458
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: US 60/337,641
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 09/924,692
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 3
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 13
TYPE: PRT
ORGANISM: Homo sapiens
US-10-281-458-1

Query Match 85.4%; Score 35; DB 14; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LVFFAED 7
Db 7 LVFFAED 13

RESULT 8
US-09-992-800-5
Sequence 5, Application US/09992800
Patent No. US2002010226: A1

GENERAL INFORMATION:
APPLICANT: Raso, Victor
TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
FILE REFERENCE: BBRI-2006
CURRENT APPLICATION NUMBER: US/09/992,800
CURRENT FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: 09/594,366
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/139,408
PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 14
TYPE: PRT
ORGANISM: Homo sapiens
US-09-992-800-5

Query Match 85.4%; Score 35; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LVFFAED 7
Db 5 LVFFAED 11

RESULT 9
US-09-992-994-5
Sequence 5, Application US/09992994
Patent No. US20020136718A1
GENERAL INFORMATION:
APPLICANT: Raso, Victor
TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
FILE REFERENCE: BBRI-2005
CURRENT APPLICATION NUMBER: US/09/992,994
CURRENT FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: 09/594,366
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/139,408
PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 14
TYPE: PRT
ORGANISM: Homo sapiens
US-09-992-994-5

Query Match 85.4%; Score 35; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LVFFAED 7
Db 5 LVFFAED 11

RESULT 10
US-10-385-065-5
Sequence 5, Application US/10385065
Publication No. US20030235897A1
GENERAL INFORMATION:
APPLICANT: Raso, Victor
TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
FILE REFERENCE: BBRI-2004
CURRENT APPLICATION NUMBER: US/10/385,065
CURRENT FILING DATE: 2003-03-10
PRIOR APPLICATION NUMBER: US/09/594,366
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/139,408
PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 7

SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 5
LENGTH: 14
TYPE: PRT
ORGANISM: Homo sapiens
US-10-385-065-5

Query Match
Best Local Similarity 85.4%; Score 35; DB 15; Length 14;
100.0%; Pred. No. 2.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
|||||
DB 5 LVFFAED 11

RESULT 11

US-09-972-475-14
Sequence 14, Application US/09972475
Patent No. US2002098173A1
GENERAL INFORMATION:
APPLICANT: Findex, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1975
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/972,475
FILING DATE: 04-Oct-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/617,267
FILING DATE: <Unknown>
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-972-475-14

Query Match
Best Local Similarity 85.4%; Score 35; DB 9; Length 15;
100.0%; Pred. No. 2.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
|||||
DB 2 LVFFAED 8

RESULT 12

US-09-996-357-9
Sequence 9, Application US/09996357
Patent No. US20020133001A1
GENERAL INFORMATION:
APPLICANT: Gelfer, Malcolm L.
APPLICANT: Israel, David I.
APPLICANT: Joyal, John L.
APPLICANT: Gosselin, Michael

TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR
TREATING AN AMYLOIDOTIC DISEASE

FILE REFERENCE: PPI-105
CURRENT APPLICATION NUMBER: US/09/996,357
CURRENT FILING DATE: 2001-11-27
PRIOR APPLICATION NUMBER: 60/253,302
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/250,198
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: 60/257,186
PRIOR FILING DATE: 2000-12-20
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 9

LENGTH: 15
TYPE: PRT
ORGANISM: Homo sapiens
US-09-996-357-9

Query Match
Best Local Similarity 85.4%; Score 35; DB 9; Length 15;
100.0%; Pred. No. 2.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
|||||
DB 2 LVFFAED 8

RESULT 13

US-10-235-483-56
Sequence 56, Application US/10235483
Publication No. US20030087407A1
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
BAUDANN, Marc
FRANGIONE, Bias
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-
DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/766,556
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:

NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,571
REFERENCE/DOCKET NUMBER: SOTO-JARA-1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-10-235-483-56

Query Match 85.4%; Score 35; DB 14; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 6 LVFFAED 12

RESULT 14
US-10-235-483-57
Sequence 57, Application US/10235483
Publication No. US20030087407A1
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
BAUMANN, Marc
FRANGIONE, Bias
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEWMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA-1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-10-235-483-57

Query Match 85.4%; Score 35; DB 14; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 6 LVFFAED 12

RESULT 15
US-10-235-483-58
Sequence 58, Application US/10235483
Publication No. US20030087407A1
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
BAUMANN, Marc
FRANGIONE, Bias
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEWMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA-1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-10-235-483-58

Query Match 85.4%; Score 35; DB 14; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 6 LVFFAED 12

Db 6 LVFFAED 12

RESULT 16
US-10-235-483-59
Sequence 59, Application US/10235483
Publication No. US20030087407A1
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
BAUMANN, Marc
FRANGIONE, Blas

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
DEPOSITS

NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESSES:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA-1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-10-235-483-59

Query Match 85.4%; Score 35; DB 14; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
|||||
Db 6 LVFFAED 12

RESULT 17
US-10-235-483-63
Sequence 63, Application US/10235483
Publication No. US20030087407A1
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
BAUMANN, Marc
FRANGIONE, Blas

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
DEPOSITS

NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESSES:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA-1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 63:
US-10-235-483-63

Query Match 85.4%; Score 35; DB 14; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
|||||
Db 6 LVFFAED 12

RESULT 18
US-10-235-483-65
Sequence 65, Application US/10235483
Publication No. US20030087407A1
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
BAUMANN, Marc
FRANGIONE, Blas

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
DEPOSITS

NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESSES:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA

ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596
FILING DATE: <Unknown>
APPLICATION NUMBER: US/08/630,645
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US/08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA-1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 65:
US-10-235-483-65
Query Match
Best Local Similarity 85.4%; Score 35; DB 14; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LVFFAED 7
Db 6 LVFFAED 12
RESULT 19
US-10-463-729-14
Sequence 14, Application US/10463729
Publication No. US20040005307A1
GENERAL INFORMATION:
APPLICANT: Findels, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/463,729
FILING DATE: 17-JUNE-2003
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/617,267C
FILING DATE: 14-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-10-463-729-14
Query Match
Best Local Similarity 85.4%; Score 35; DB 15; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LVFFAED 7
Db 2 LVFFAED 8
RESULT 20
US-09-992-800-3
Sequence 3, Application US/09992800
Patent No. US20020102261A1
GENERAL INFORMATION:
APPLICANT: Rao, Victor
TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
FILE REFERENCE: BBRI-2006
CURRENT FILING DATE: 2001-11-06
PRIOR FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: 09/594,366
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/139,408
PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO: 3
LENGTH: 17
TYPE: PPT
ORGANISM: Homo sapiens
US-09-992-800-3
Query Match
Best Local Similarity 85.4%; Score 35; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LVFFAED 7
Db 9 LVFFAED 15
RESULT 21
US-09-992-994-3
Sequence 3, Application US/09992994
Patent No. US20020136718A1
GENERAL INFORMATION:
APPLICANT: Rao, Victor
TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
FILE REFERENCE: BBRI-2005
CURRENT FILING DATE: 2001-11-06
PRIOR FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: 09/594,366
PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/139,408
PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentn Ver. 2.0
SEQ ID NO 3
LENGTH: 17
TYPE: PRT
ORGANISM: Homo sapiens
US-09-992-994-3

Query Match 85.4%; Score 35; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
| | | | |
DB 9 LVFFAED 15

RESULT 22
US-09-998-491-8
Sequence 8, Application US/09998491
Publication No. US20030166529A1
GENERAL INFORMATION:
APPLICANT: Mileusnic, Radmilla
APPLICANT: Rose, Stephen Peter Russell
TITLE OF INVENTION: Polypeptides and their Uses
FILE REFERENCE: 3578-120
CURRENT APPLICATION NUMBER: US/09/998,491
CURRENT FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: GB 0109558.7
PRIOR FILING DATE: 2001-04-18
PRIOR APPLICATION NUMBER: GB 0120084
PRIOR FILING DATE: 2001-08-07
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FaastSeq for Windows Version 4.0
SEQ ID NO 8
LENGTH: 17
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: 17-mer polypeptide
US-09-998-491-8

Query Match 85.4%; Score 35; DB 10; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
| | | | |
DB 6 LVFFAED 12

RESULT 23
US-10-385-065-3
Sequence 3, Application US/10385065
Publication No. US20030235897A1
GENERAL INFORMATION:
APPLICANT: Raso, Victor
TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
FILE REFERENCE: BARI-2004
CURRENT APPLICATION NUMBER: US/10/385,065
CURRENT FILING DATE: 2003-03-10
PRIOR APPLICATION NUMBER: US/09/594,366
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/139,408
PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentn Ver. 2.0
SEQ ID NO 3
LENGTH: 17
TYPE: PRT
ORGANISM: Homo sapiens

US-10-385-065-3

Query Match 85.4%; Score 35; DB 15; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
| | | | |
DB 9 LVFFAED 15

RESULT 24
US-09-825-242-5
Sequence 5, Application US/09825242
Publication No. US20030092000A1
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: NeurLab Limited
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004720US
CURRENT APPLICATION NUMBER: US/09/825,242
CURRENT FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: 09/201,430
PRIOR FILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR FILING DATE: 1998-04-07
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentn Ver. 2.1
SEQ ID NO 5
LENGTH: 19
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Abeta13-28
OTHER INFORMATION: Peptide with carboxyl terminal Cys residue
NAME/KEY: MOD_RES
LOCATION: (1)
OTHER INFORMATION: Xaa = acetyl histidine
US-09-825-242-5

Query Match 85.4%; Score 35; DB 10; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.3;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
| | | | |
DB 5 LVFFAED 11

RESULT 25
US-09-792-079-11
Sequence 11, Application US/09792079
Publication No. US20030083277A1
GENERAL INFORMATION:
APPLICANT: University of Kentucky Research Foundation
APPLICANT: Hersh, Louis B.
APPLICANT: Mukherjee, Atish
TITLE OF INVENTION: Use of Insulin Degrading Enzyme (IDE) For The Treatment of Al:
FILE REFERENCE: 050229-0261
CURRENT APPLICATION NUMBER: US/09/792,079
CURRENT FILING DATE: 2001-02-26
PRIOR APPLICATION NUMBER: 60/184,826
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentn Version 3.1
SEQ ID NO 11
LENGTH: 26
TYPE: PRT
ORGANISM: Homo sapiens
US-09-792-079-11

Query Match 85.4%; Score 35; DB 10; Length 26;
Best Local Similarity 100.0%; Pred. No. 4.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
| | | | |
DB 3 LVFFAED 9

RESULT 26

US-10-159-279-11
; Sequence 11, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersh, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
; FILE REFERENCE: 050229-0298
; CURRENT APPLICATION NUMBER: US/10/159,279
; PRIOR FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 09/792,079
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-159-279-11

Query Match 85.4%; Score 35; DB 14; Length 26;
Best Local Similarity 100.0%; Pred. No. 4.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
| | | | |
DB 3 LVFFAED 9

RESULT 27

US-09-867-847-4
; Sequence 4, Application US/09867847
; Patent No. US20020094335A1
; GENERAL INFORMATION:
; APPLICANT: Chalfour, Robert
; APPLICANT: Hebert, Lisa
; APPLICANT: Kong, Xiang
; APPLICANT: Gervais, Francine
; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
; FILE REFERENCE: 14445-501 CIP
; CURRENT APPLICATION NUMBER: US/09/867,847
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/168,594
; PRIOR FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: 09/724,842
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: All D peptides
; OTHER INFORMATION: or peptidomimetics
US-09-867-847-4

Query Match 85.4%; Score 35; DB 9; Length 28;

Best Local Similarity 100.0%; Pred. No. 4.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
| | | | |
DB 17 LVFFAED 23

RESULT 28

US-09-865-294-66
; Sequence 66, Application US/09865294
; Publication No. US20030068325A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Chang Yi
; TITLE OF INVENTION: Immunogenic peptide composition as vaccines for the
; TITLE OF INVENTION: Prevention and treatment of Alzheimer's Disease
; FILE REFERENCE: 1151-4167
; CURRENT APPLICATION NUMBER: US/09/865,294
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 66
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-865-294-66

Query Match 85.4%; Score 35; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 4.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
| | | | |
DB 17 LVFFAED 23

RESULT 29

US-09-792-079-5
; Sequence 5, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Mukherjee, Atish
; APPLICANT: Hersh, Louis B.
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Al
; TITLE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0261
; CURRENT APPLICATION NUMBER: US/09/792,079
; CURRENT FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-792-079-5

Query Match 85.4%; Score 35; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 4.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
| | | | |
DB 17 LVFFAED 23

RESULT 30

US-10-363-082-2
; Sequence 2, Application US/10363082
; Publication No. US20040029279A1
; GENERAL INFORMATION:

APPLICANT: American Cyanamid Company
TITLE OF INVENTION: Packaging of positive-strand RNA virus replicon
FILE REFERENCE: 01142-0200-00304
CURRENT APPLICATION NUMBER: US/10/363,082
CURRENT FILING DATE: 2003-02-27
PRIOR APPLICATION NUMBER: 60/228,906
PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 28
TYPE: PRT
ORGANISM: Homo sapiens
US-10-363-082-2

Query Match 85.4%; Score 35; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 4.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 31
US-10-159-279-5
Sequence 5, Application US/10159279
Publication No. US20030165481A1
GENERAL INFORMATION:
APPLICANT: University of Kentucky Research Foundation
APPLICANT: Hersh, Louis B.
TITLE OF INVENTION: Use of insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
FILE REFERENCE: 050229-0298
CURRENT APPLICATION NUMBER: US/10/159,279
CURRENT FILING DATE: 2002-06-03
PRIOR APPLICATION NUMBER: 60/184,826
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: 09/792,079
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 28
TYPE: PRT
ORGANISM: Homo sapiens
US-10-159-279-5

Query Match 85.4%; Score 35; DB 14; Length 28;
Best Local Similarity 100.0%; Pred. No. 4.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 32
US-09-861-847-1
Sequence 1, Application US/09861847
Patent No. US20020077288A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Bias
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSSON, Einar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS T
TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA
FILE REFERENCE: FRANGIONE=2A
CURRENT APPLICATION NUMBER: US/09/861,847
CURRENT FILING DATE: 2001-05-22

PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-861-847-1

Query Match 85.4%; Score 35; DB 9; Length 30;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 33
US-10-666-423-1
Sequence 1, Application US/10666423
Publication No. US20040043935A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Bias
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSSON, Einar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES
TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
FILE REFERENCE: 5986/1K433-US1
CURRENT APPLICATION NUMBER: US/10/666,423
CURRENT FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: US/09/861,847A
PRIOR FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic
US-10-666-423-1

Query Match 85.4%; Score 35; DB 12; Length 30;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 34
US-10-301-488A-1
Sequence 1, Application US/10301488A
Publication No. US20030166558A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Bias
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSSON, Einar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES ANE
TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
FILE REFERENCE: 5986/1K434US1
CURRENT APPLICATION NUMBER: US/10/301,488A
CURRENT FILING DATE: 2002-11-21

PRIOR APPLICATION NUMBER: US 60/331,801
PRIOR FILING DATE: 2001-11-21
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 1
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-301-488A-1

Query Match 85.4%; Score 35; DB 14; Length 30;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
17 LVFFAED 23

RESULT 35
US-09-930-915A-295
Sequence 295, Application US/09930915A
Publication No. US20030138769A1
GENERAL INFORMATION:
APPLICANT: Birkett, Ashley J.
TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES HAVING ENHANCED
FILE REFERENCE: 4564/81501 ICC-102.2 PCT
CURRENT FILING DATE: 2001-08-15
PRIOR APPLICATION NUMBER: US/09/930,915A
CURRENT FILING DATE: 2001-08-15
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 60/226,867
PRIOR FILING DATE: 2000-08-22
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 313
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 295
LENGTH: 33
TYPE: PRT
ORGANISM: Homo sapiens
US-09-930-915A-295

Query Match 85.4%; Score 35; DB 10; Length 33;
Best Local Similarity 100.0%; Pred. No. 5.8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
17 LVFFAED 23

RESULT 36
US-10-082-014-84
Sequence 84, Application US/10082014
Publication No. US20030185858A1
GENERAL INFORMATION:
APPLICANT: Birkett, Ashley J.
TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL CY
FILE REFERENCE: ICC-130.0 4564/85124
CURRENT APPLICATION NUMBER: US/10/082,014
CURRENT FILING DATE: 2002-02-22
PRIOR APPLICATION NUMBER: 09/930,915
PRIOR FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 290
SOFTWARE: PatentIn version 3.1
SEQ ID NO 84
LENGTH: 33
TYPE: PRT
ORGANISM: Alzheimer's disease b-Amyloid
US-10-082-014-84

Query Match 85.4%; Score 35; DB 14; Length 33;
Best Local Similarity 100.0%; Pred. No. 5.8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
17 LVFFAED 23

RESULT 37
US-10-372-076-85
Sequence 85, Application US/10372076
Publication No. US20030198645A1
GENERAL INFORMATION:
APPLICANT: Friede, Martin
TITLE OF INVENTION: STABILIZED HBC CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR
FILE REFERENCE: 4564/87179
CURRENT APPLICATION NUMBER: US/10/372,076
CURRENT FILING DATE: 2003-02-21
PRIOR APPLICATION NUMBER: 10/080,299
PRIOR FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 10/082,014
PRIOR FILING DATE: 2002-02-22
NUMBER OF SEQ ID NOS: 308
SOFTWARE: PatentIn version 3.2
SEQ ID NO 85
LENGTH: 33
TYPE: PRT
ORGANISM: Alzheimer's disease b-Amyloid
US-10-372-076-85

Query Match 85.4%; Score 35; DB 14; Length 33;
Best Local Similarity 100.0%; Pred. No. 5.8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
17 LVFFAED 23

RESULT 38
US-09-867-847-3
Sequence 3, Application US/09867847
Patent No. US2002009435A1
GENERAL INFORMATION:
APPLICANT: Chalfour, Robert
APPLICANT: Hebert, Lisa
APPLICANT: Kong, Xiang
TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
FILE REFERENCE: 14445-501 CIP
CURRENT APPLICATION NUMBER: US/09/867,847
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 60/168,594
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: 09/724,842
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 35
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURES: Description of Artificial Sequence: All D peptides
OTHER INFORMATION: or peptidomimetics
US-09-867-847-3

Query Match 85.4%; Score 35; DB 9; Length 35;
Best Local Similarity 100.0%; Pred. No. 6.2;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 39
US-09-972-475-16

Sequence 16, Application US/09972475
Patent No. US20020098173A1

GENERAL INFORMATION:

APPLICANT: Fideis, Mark A. et al.

TITLE OF INVENTION: Modulators of Amyloid Aggregation

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/972,475

FILING DATE: 04-Oct-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/617,267

FILING DATE: <Unknown>

APPLICATION NUMBER: USSN 08/475,579

FILING DATE: 07-JUN-1995

APPLICATION NUMBER: USSN 08/548,998

FILING DATE: 27-OCT-1995

ATTORNEY/AGENT INFORMATION:

NAME: DeConti, Giulio A.

REGISTRATION NUMBER: 31,503

REFERENCE/DOCKET NUMBER: PPI-002CP2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400

TELEFAX: (617)227-5941

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 35 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

FRAGMENT TYPE: internal

SEQUENCE DESCRIPTION: SEQ ID NO: 16:

US-09-972-475-16

Query Match

Best Local Similarity 100.0%; Pred. No. 6.2;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7

Db 12 LVFFAED 18

RESULT 40

US-10-463-729-16

Sequence 16, Application US/10463729

Patent No. US20040005307A1

GENERAL INFORMATION:

APPLICANT: Fideis, Mark A. et al.

TITLE OF INVENTION: Modulators of Amyloid Aggregation

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/463,729

FILING DATE: 17-JUNE-2003

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/617,267C

FILING DATE: 14-MAR-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/404,831

FILING DATE: 14-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/475,579

FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/548,998

FILING DATE: 27-OCT-1995

ATTORNEY/AGENT INFORMATION:

NAME: DeConti, Giulio A.

REGISTRATION NUMBER: 31,503

REFERENCE/DOCKET NUMBER: PPI-002CP2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400

TELEFAX: (617)227-5941

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 35 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

FRAGMENT TYPE: internal

US-10-463-729-16

Query Match

Best Local Similarity 85.4%; Score 35; DB 15; Length 35;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7

Db 12 LVFFAED 18

RESULT 41

US-09-861-847-6

Sequence 6, Application US/09861847

Patent No. US2002007288A1

GENERAL INFORMATION:

APPLICANT: WINSIENSKI, Blase

APPLICANT: STIGURSSON, Einar

TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS

TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID B

FILE REFERENCE: FRANGIONE-2A

CURRENT APPLICATION NUMBER: US/09/861,847

PRIOR FILING DATE: 2001-05-22

PRIOR APPLICATION NUMBER: 60/016,233

PRIOR FILING DATE: 2000-05-22

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Patentin version 3.0

SEQ ID NO 6

LENGTH: 36

TYPE: PPT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic
NAME/KEY: misc_feature
OTHER INFORMATION: C-terminal residue 36 may be amidated.
US-09-861-847-6

Query Match
Best Local Similarity 100.0%; Score 35; DB 9; Length 36;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LVFFAED 7
Db 23 LVFFAED 29

RESULT 42
US-09-861-847-11
Sequence 11, Application US/09861847
Patent No. US2002077288A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSSON, Einar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS TO
TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA
FILE REFERENCE: FRANGIONE-2A
CURRENT APPLICATION NUMBER: US/09/861,847
CURRENT FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.0
SEQ ID NO 11
LENGTH: 36
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-861-847-11

Query Match
Best Local Similarity 100.0%; Score 35; DB 9; Length 36;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 43
US-10-666-423-6
Sequence 6, Application US/10666423
Publication No. US20040043935A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSSON, Einar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES
TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
FILE REFERENCE: 5986/1K433-US1
CURRENT APPLICATION NUMBER: US/10/666,423
CURRENT FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: US/09/861,847A
PRIOR FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6
LENGTH: 36
TYPE: PRT
ORGANISM: Artificial

FEATURE:
OTHER INFORMATION: Synthetic
NAME/KEY: misc_feature
OTHER INFORMATION: C-terminal residue 36 may be amidated.
US-10-666-423-6

Query Match
Best Local Similarity 100.0%; Score 35; DB 12; Length 36;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LVFFAED 7
Db 23 LVFFAED 29

RESULT 44
US-10-666-423-11
Sequence 11, Application US/10666423
Publication No. US20040043935A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSSON, Einar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES
TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
FILE REFERENCE: 5986/1K433-US1
CURRENT APPLICATION NUMBER: US/10/666,423
CURRENT FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: US/09/861,847A
PRIOR FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.0
SEQ ID NO 11
LENGTH: 36
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic
US-10-666-423-11

Query Match
Best Local Similarity 100.0%; Score 35; DB 12; Length 36;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 45
US-10-301-488A-6
Sequence 6, Application US/10301488A
Publication No. US20030166558A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSSON, Einar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRIOR PROTEIN, AMYLIN,
TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
FILE REFERENCE: 5986/1K434US1
CURRENT APPLICATION NUMBER: US/10/301,488A
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: US 60/331,801
PRIOR FILING DATE: 2001-11-21
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6

/ LENGTH: 36
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Synthetic
/ FEATURE:
/ NAME/KEY: misc feature
/ OTHER INFORMATION: C-terminal residue 36 may be amidated.
US-10-301-488A-6

Query Match 85.4%; Score 35; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 6.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFPAD 7
|||
DB 23 LVFPAD 29

RESULT 46
US-10-301-488A-11
/ Sequence 11, Application US/10301488A
/ Publication No. US20030166558A1
/ GENERAL INFORMATION:
/ APPLICANT: FRANGIONE, Blas
/ APPLICANT: WISNIEWSKI, Thomas
/ APPLICANT: SIGURDSSON, Binat
/ TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
/ TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMLYIN,
/ TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
/ FILE REFERENCE: 5986/1K434US1
/ CURRENT APPLICATION NUMBER: US/10/301,488A
/ PRIOR FILING DATE: 2002-11-21
/ PRIOR APPLICATION NUMBER: US 60/331,801
/ NUMBER OF SEQ ID NOS: 55
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 11
/ LENGTH: 36
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-301-488A-11

Query Match 85.4%; Score 35; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 6.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFPAD 7
|||
DB 17 LVFPAD 23

RESULT 47
US-10-051-496-5
/ Sequence 5, Application US/10051496
/ Publication No. US20020182660A1
/ GENERAL INFORMATION:
/ APPLICANT: Kei-Lai L. Fong
/ TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for
/ Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-39)
/ Abeta(1-41), Abeta(1-42) and Abeta(1-43)
/ NUMBER OF SEQUENCES: 5
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Kei-Lai L. Fong
/ STREET: 1004 West 8th Avenue
/ CITY: King of Prussia
/ STATE: Pennsylvania
/ COUNTRY: USA
/ ZIP: 19406
/ COMPUTER READABLE FORM:

MEDIUM TYPE: 3.50 inch, 1.44MB storage
COMPUTER: IBM PC Compatibles
OPERATING SYSTEM: Windows
SOFTWARE: MS No. US20020182660A1epad
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/051,496
FILING DATE: 18-Jan-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/784,854A
FILING DATE: 16-Feb-2001
APPLICATION NUMBER: 60/183,407
FILING DATE: 18-February-2000
ATTORNEY/AGENT INFORMATION:
NAME: Koenig, C. Frederick III
REGISTRATION NUMBER: 29,662
REFERENCE/DOCKET NUMBER: PBI-PT001.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-6400
TELEFAX: (215) 568-6439
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 Amino Acid
TYPE: Amino Acid
TOPOLOGY: Linear
MOLECULE TYPE: Protein
FEATURE:
NAME/KEY: Signal Sequence
LOCATION: 1-39
IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS:
TITLE:
JOURNAL:
VOLUME:
ISSUE:
PAGES:
DATE:
RELEVANT RESIDUES IN SEQ ID NO: 5: FROM 1-39
SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Query Match 85.4%; Score 35; DB 13; Length 39;
Best Local Similarity 100.0%; Pred. No. 7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFPAD 7
|||
DB 17 LVFPAD 23

RESULT 48
US-10-190-548A-5
/ Sequence 5, Application US/10190548A
/ Publication No. US20030109435A1
/ GENERAL INFORMATION:
/ APPLICANT: Griswold Premer, Irene
/ APPLICANT: Wright, Sarah
/ APPLICANT: Yednock, Theodore
/ APPLICANT: Rydel, Russell
/ TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity
/ FILE REFERENCE: 08576 0030-00
/ CURRENT APPLICATION NUMBER: US/10/190,548A
/ PRIOR FILING DATE: 2002-12-09
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 5
/ LENGTH: 39
/ TYPE: PRT
/ ORGANISM: homo sapiens
US-10-190-548A-5

Query Match 85.4%; Score 35; DB 14; Length 39;
Best Local Similarity 100.0%; Pred. No. 7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 49
US-09-861-847-7

Sequence 7, Application US/09861847
Patent No. US20020077288A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDGENIC PEPTIDES HOMOLOGOUS TO
TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA
FILE REFERENCE: FRANGIONE-2A
CURRENT APPLICATION NUMBER: US/09/861,847
CURRENT FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
LENGTH: 40
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as Lys or
OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal
OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length.
NAME/KEY: misc feature
OTHER INFORMATION: The C-terminal Ala residue may be amidated.
US-09-861-847-7

Query Match 85.4%; Score 35; DB 9; Length 40;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 27 LVFFAED 33

RESULT 50
US-09-861-847-8

Sequence 8, Application US/09861847
Patent No. US20020077288A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDGENIC PEPTIDES HOMOLOGOUS TO
TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA
FILE REFERENCE: FRANGIONE-2A
CURRENT APPLICATION NUMBER: US/09/861,847
CURRENT FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8
LENGTH: 40
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Synthetic
NAME/KEY: misc feature
OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as L
OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-termi
OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length
US-09-861-847-8

Query Match 85.4%; Score 35; DB 9; Length 40;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 51
US-09-867-847-2

Sequence 2, Application US/09867847
Patent No. US2002094335A1
GENERAL INFORMATION:
APPLICANT: Chalfont, Robert
APPLICANT: Hebert, Lisa
APPLICANT: Kong, Xiang
APPLICANT: Gervais, Francine
TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
TITLE OF INVENTION: AND AMYLOID RELATED DISEASES
FILE REFERENCE: 1445-501 CIP
CURRENT APPLICATION NUMBER: US/09/867,847
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 60/168,594
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: 09/724,842
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 40
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: All D peptides
OTHER INFORMATION: or peptidomimetics
US-09-867-847-2

Query Match 85.4%; Score 35; DB 9; Length 40;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 52
US-09-988-842-3

Sequence 3, Application US/09988842
Patent No. US20020143105A1
GENERAL INFORMATION:
APPLICANT: Johansson, Jan
TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION
FILE REFERENCE: 12125-002001
CURRENT APPLICATION NUMBER: US/09/988,842
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: US 60/251,662
PRIOR FILING DATE: 2000-12-06
PRIOR APPLICATION NUMBER: US 60/253,695
PRIOR FILING DATE: 2000-11-20
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 40

TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetically generated peptide
US-09-988-842-3

Query Match
Best Local Similarity 85.4%; Score 35; DB 9; Length 40;
100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFFAED 7
17 LVFFAED 23

RESULT 53
US-09-851-071-3
Sequence 3, Application US/09851071
Patent No. US20020177550A1
GENERAL INFORMATION:
APPLICANT: Schmidt, Anne Marie
APPLICANT: Stern, David
TITLE OF INVENTION: A METHOD FOR INHIBITING TUMOR INVASION OR SPREADING IN A SUBJECT
FILE REFERENCE: 0575/55424-2/JPM/SHS/MM
CURRENT APPLICATION NUMBER: US/09/851,071
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 40
TYPE: PRT
ORGANISM: Human
US-09-851-071-3

Query Match
Best Local Similarity 85.4%; Score 35; DB 9; Length 40;
100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFFAED 7
17 LVFFAED 23

RESULT 54
US-09-962-955C-36
Sequence 36, Application US/0962955C
Publication No. US20030013648A1
GENERAL INFORMATION:
APPLICANT: Gerardo M. Castillo
APPLICANT: Alan D. Snow
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESS: Patrick M. Dwyer
STREET: ProteoTech, Inc, 1818 Westlake Avenue N, Suite 114
CITY: Seattle
STATE: WA (Washington)
COUNTRY: United States of America
ZIP: 98108
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.50 inch, 1.44 MB storage
COMPUTER: IBM PC
OPERATING SYSTEM: Windows 98
SOFTWARE: Wordperfect 9
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/962,955C
FILING DATE: 24-September-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/938,275
FILING DATE: 22-August-2001
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Dwyer, Patrick M.

REGISTRATION NUMBER: 32,411
REFERENCE/DOCKET NUMBER: PROTEO.P03CI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 343-7074
TELEFAX: (206) 343-7085
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 AMINO ACIDS
TYPE: AMINO ACID
STRADEDNESS:
TOPOLOGY: LINEAR
ORIGINAL SOURCE:
ORGANISM: MOUSE
FEATURE:
OTHER INFORMATION: Also referred to in the specification as "AB 1-40"
US-09-962-955C-36

Query Match
Best Local Similarity 85.4%; Score 35; DB 10; Length 40;
100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFFAED 7
17 LVFFAED 23

RESULT 55
US-09-792-079-12
Sequence 12, Application US/09792079
Publication No. US20030083277A1
GENERAL INFORMATION:
APPLICANT: University of Kentucky Research Foundation
APPLICANT: Hersht, Louis B.
APPLICANT: Mukherjee, Atish
TITLE OF INVENTION: Use of Insulin Degrading Enzyme (IDE) For The Treatment Of Al:
FILE REFERENCE: 050229-0261
CURRENT APPLICATION NUMBER: US/09/792,079
CURRENT FILING DATE: 2001-02-26
PRIOR APPLICATION NUMBER: 60/184,826
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 40
TYPE: PRT
ORGANISM: Homo sapiens
US-09-792-079-12

Query Match
Best Local Similarity 85.4%; Score 35; DB 10; Length 40;
100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFFAED 7
17 LVFFAED 23

RESULT 56
US-10-337-261-1
Sequence 1, Application US/10337261
Publication No. US20040028673A1
GENERAL INFORMATION:
APPLICANT: Netzer, William
APPLICANT: Greengard, Paul
APPLICANT: Xu, Huaxi
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF AMYLC
FILE REFERENCE: 11181-014-999
CURRENT APPLICATION NUMBER: US/10/337,261
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: 60/345,009
PRIOR FILING DATE: 2002-01-04

NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 40
TYPE: PRT
ORGANISM: Homo sapiens
US-10-337-261-1

Query Match
Best Local Similarity 85.4%; Score 35; DB 12; Length 40;
Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 57
US-10-666-423-7
Sequence 7, Application US/10666423
Publication No. US20040043935A1
GENERAL INFORMATION:

APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES
TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
FILE REFERENCE: 5986/1K433-US1
CURRENT APPLICATION NUMBER: US/10/666,423
CURRENT FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: US/09/861,847A
PRIOR FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
LENGTH: 40
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic
NAME/KEY: misc.feature
OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as Lys or
OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal
FEATURE:
NAME/KEY: misc.feature
OTHER INFORMATION: The C-terminal Ala residue may be amidated.

US-10-666-423-7

Query Match
Best Local Similarity 85.4%; Score 35; DB 12; Length 40;
Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 27 LVFFAED 33

RESULT 58
US-10-666-423-8
Sequence 8, Application US/10666423
Publication No. US20040043935A1
GENERAL INFORMATION:

APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES
TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
TITLE OF INVENTION: RESPONSE TO AMYLOID BETA AND AMYLOID DEPOSITS

FILE REFERENCE: 5986/1K433-US1
CURRENT APPLICATION NUMBER: US/10/666,423
CURRENT FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: US/09/861,847A
PRIOR FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/016,233
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8
LENGTH: 40
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic
NAME/KEY: misc.feature
OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as I
OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-termi
OTHER INFORMATION: polyllysine or polyaspartate segment of 4-10 residues in length
US-10-666-423-8

Query Match
Best Local Similarity 85.4%; Score 35; DB 12; Length 40;
Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 59
US-10-007-779A-1
Sequence 1, Application US/10007779A
Publication No. US20020168753A1
GENERAL INFORMATION:

APPLICANT: Castillo, Gerardo and Snow, Alan
TITLE OF INVENTION: In Vitro Formation of Congoophilic
Maltese-Cross Amyloid Plaques to Identify Anti-Plaque
Therapeutics for the Treatment of Alzheimer's and Prion
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSER: Patrick M. Dwyer
STREET: Proteotech, Inc., 1818 Westlake Ave N, Suite 114
CITY: Seattle
STATE: WA (Washington)
COUNTRY: USA
ZIP: 98109

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: PC
OPERATING SYSTEM: Windows 98
SOFTWARE: WordPerfect 9

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,779A
FILING DATE: 28-Apr-2002

CLASSIFICATION: Unknown
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/267,795
FILING DATE: 12-March-1999

ATTORNEY/AGENT INFORMATION:
NAME: Dwyer, Patrick M.
REGISTRATION NUMBER: 32,411

REFERENCE/DOCKET NUMBER: PROTEO.P08
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 343-7085
TELEFAX: (206) 343-7085

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:

LENGTH: 40 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS: <Unknown>
TOPOLOGY: LINEAR

MOLECULE TYPE: PROTEIN
SEQUENCE DESCRIPTION: SEQ ID NO: 1
US-10-007-779A-1

Query Match
Best Local Similarity 85.4%; Score 35; DB 13; Length 40;
100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFPAD 7
17 LVFFPAD 23

RESULT 60
US-10-051-496-4

Sequence 4, Application US/10051496
Publication No. US2002018260A1

GENERAL INFORMATION:

APPLICANT: Kel-Lai L. Fong

TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for
Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-39)
Abeta(1-41), Abeta(1-42) and Abeta(1-43)

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Kel-Lai L. Fong

STREET: 1004 West 8th Avenue

CITY: King of Prussia

STATE: Pennsylvania

COUNTRY: USA

ZIP: 19406

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.50 inch, 1.44MB storage

COMPUTER: IBM PC Compatibles

OPERATING SYSTEM: Windows

SOFTWARE: MS No. US2002018260A1epad

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/051,496

FILING DATE: 18-Jan-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/784,854A

FILING DATE: 16-Feb-2001

APPLICATION NUMBER: 60/183,407

FILING DATE: 18-February-2000

ATTORNEY/AGENT INFORMATION:

NAME: Koenig, C. Frederick III

REGISTRATION NUMBER: 29,662

REFERENCE/DOCKET NUMBER: PBI-PT001.1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-6400

TELEFAX: (215) 568-6499

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 40 Amino Acid

TYPE: Amino Acid

TOPOLOGY: Linear

MOLECULE TYPE: Protein

FEATURE:

NAME/KEY: Signal Sequence

LOCATION: 1-40

IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic

OTHER INFORMATION:

PUBLICATION INFORMATION:

AUTHORS:

TITLE:

JOURNAL:

VOLUME:

ISSUE:

PAGES:

DATE:

RELEVANT RESIDUES IN SEQ ID NO: 4: FROM 1-40

SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-10-051-496-4

Query Match
Best Local Similarity 85.4%; Score 35; DB 13; Length 40;
100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFPAD 7
17 LVFFPAD 23

RESULT 61
US-10-217-584-3

Sequence 3, Application US/10217584

Publication No. US20030077261A1

GENERAL INFORMATION:

APPLICANT: Paris, Daniel

APPLICANT: Mullian, Michael

TITLE OF INVENTION: Modulation of Angiogenesis by A-Beta Peptides

FILE REFERENCE: USF-T161XCI

CURRENT APPLICATION NUMBER: US/10/217,584

CURRENT FILING DATE: 2002-08-12

PRIOR APPLICATION NUMBER: 60/311,656

PRIOR FILING DATE: 2001-08-10

NUMBER OF SEQ ID NOS: 11

SOFTWARE: PatentIn version 3.1

SEQ ID NO 3

LENGTH: 40

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: PEPTIDE

LOCATION: (1)-(40)

OTHER INFORMATION: A-beta 1-40 peptide

US-10-217-584-3

Query Match
Best Local Similarity 85.4%; Score 35; DB 14; Length 40;
100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFPAD 7
17 LVFFPAD 23

RESULT 62

US-10-169-580-1

Sequence 1, Application US/10169580

Publication No. US20030100477A1

GENERAL INFORMATION:

APPLICANT: Yamaguchi, Pharmaceutical Co., Ltd.

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCTI

FILE REFERENCE: Q70898

CURRENT APPLICATION NUMBER: US/10/169,580

CURRENT FILING DATE: 2002-07-08

PRIOR APPLICATION NUMBER: 2000-131037

PRIOR FILING DATE: 2000-04-28

PRIOR APPLICATION NUMBER: PCT/JP01/03555

PRIOR FILING DATE: 2001-04-25

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn version 3.1

SEQ ID NO 1

LENGTH: 40

TYPE: PRT

ORGANISM: Homo sapiens

US-10-169-580-1

Query Match
Best Local Similarity 85.4%; Score 35; DB 14; Length 40;
100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFPAD 7
17 LVFFPAD 23

RESULT 63
US-10-143-534-3
; Sequence 3, Application US/10143534
; Publication No. US20030105152A1
; GENERAL INFORMATION:
; APPLICANT: Ingram, Vernon M.
; APPLICANT: Blanchard, Barbara J.
; APPLICANT: Stockwell, Brent R.
; TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE
; FILE REFERENCE: M0066/70078
; CURRENT APPLICATION NUMBER: US/10/143,534
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: US 10/051,663
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 09/706,574
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Version 3.0
; SEQ ID NO 3
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-143-534-3

Query Match 85.4%; Score 35; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 64
US-10-190-548A-4
; Sequence 4, Application US/10190548A
; Publication No. US20030109435A1
; GENERAL INFORMATION:
; APPLICANT: Griswold, Premner, Irene
; APPLICANT: Wright, Sarah
; APPLICANT: Yednock, Theodore
; APPLICANT: Rydel, Russell
; TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity
; FILE REFERENCE: 08576.0030-00
; CURRENT APPLICATION NUMBER: US/10/190,548A
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 40
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-190-548A-4

Query Match 85.4%; Score 35; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 65
US-10-051-663-3
; Sequence 3, Application US/10051663
; Publication No. US2003011510A1
; GENERAL INFORMATION:
; APPLICANT: Ingram, Vernon M.

; APPLICANT: Blanchard, Barbara J.
; APPLICANT: Stockwell, Brent R.
; TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE
; FILE REFERENCE: M0666/7071
; CURRENT APPLICATION NUMBER: US/10/051,663
; CURRENT FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 09/706,574
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Version 3.0
; SEQ ID NO 3
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-051-663-3

Query Match 85.4%; Score 35; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 66
US-10-151-614-1
; Sequence 1, Application US/10151614
; Publication No. US20030147811A1
; GENERAL INFORMATION:
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: TURNBULL, Daniel
; APPLICANT: SIGURDSSON, Einar
; APPLICANT: ZAIM MADGHIRI, Yousef
; TITLE OF INVENTION: DETECTION OF ALZHEIMER'S AMYLOID BY MAGNETIC RESONANCE
; FILE REFERENCE: WISNIEWSKI 2A
; CURRENT APPLICATION NUMBER: US/10/151,614
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US 60/292,625
; PRIOR FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-151-614-1

Query Match 85.4%; Score 35; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 67
US-10-159-279-12
; Sequence 12, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersh, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use of Insulin Degrading Enzyme (IDE) For The Treatment Of Alz
; FILE REFERENCE: 050229-0298
; CURRENT APPLICATION NUMBER: US/10/159,279
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/184,826

PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: 09/792,079
 PRIOR FILING DATE: 2001-02-26
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 12
 LENGTH: 40
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-159-279-12

Query Match
 Best Local Similarity 85.4%; Score 35; DB 14; Length 40;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
 DB 17 LVFFAED 23

RESULT 68

US-10-301-488A-7
 Sequence 7, Application US/10301488A
 Publication No. US20030166558A1
 GENERAL INFORMATION:

APPLICANT: FRANGIONE, Bias
 APPLICANT: WISNIEWSKI, Thomas
 APPLICANT: SIGURDSSON, Binay
 TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
 TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
 TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
 FILE REFERENCE: 5986/1K434US1
 CURRENT APPLICATION NUMBER: US/10/301,488A
 CURRENT FILING DATE: 2002-11-21
 PRIOR APPLICATION NUMBER: US 60/331,801
 PRIOR FILING DATE: 2001-11-21
 NUMBER OF SEQ ID NOS: 55
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 7
 LENGTH: 40
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 NAME/KEY: misc_feature
 LOCATION: (1)..(10)
 OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as Lys or
 OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal
 FEATURE: polylysine or polyaspartate segment of 4 to 10 residues in length.
 NAME/KEY: misc_feature
 OTHER INFORMATION: The C-terminal Ala residue may be amidated.
 US-10-301-488A-7

Query Match
 Best Local Similarity 85.4%; Score 35; DB 14; Length 40;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
 DB 27 LVFFAED 33

RESULT 69

US-10-301-488A-8
 Sequence 8, Application US/10301488A
 Publication No. US20030166558A1
 GENERAL INFORMATION:

APPLICANT: FRANGIONE, Bias
 APPLICANT: WISNIEWSKI, Thomas
 APPLICANT: SIGURDSSON, Binay

TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
 TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
 TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
 TITLE OF INVENTION: IMMUNE RESPONSE THERETO
 FILE REFERENCE: 5986/1K434US1
 CURRENT APPLICATION NUMBER: US/10/301,488A
 CURRENT FILING DATE: 2002-11-21
 PRIOR APPLICATION NUMBER: US 60/331,801
 PRIOR FILING DATE: 2001-11-21
 NUMBER OF SEQ ID NOS: 55
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 8
 LENGTH: 40
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 NAME/KEY: misc_feature
 LOCATION: (31)..(40)
 OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as L
 OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-termi
 OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length
 US-10-301-488A-8

Query Match
 Best Local Similarity 85.4%; Score 35; DB 14; Length 40;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
 DB 17 LVFFAED 23

RESULT 70

US-10-366-125-27
 Sequence 27, Application US/10366125
 Publication No. US20030228259A1
 GENERAL INFORMATION:

APPLICANT: Hellerstein, Marc
 TITLE OF INVENTION: MEASUREMENT OF BIOSYNTHESIS AND BREAKDOWN RATES OF
 TITLE OF INVENTION: BIOLOGICAL MOLECULES THAT ARE INACCESSIBLE OR NOT
 TITLE OF INVENTION: EASILY ACCESSIBLE TO DIRECT SAMPLING, NON-INVASIVELY,
 TITLE OF INVENTION: BY LABEL INCORPORATION INTO METABOLIC DERIVATIVES AND
 FILE REFERENCE: 416272003500
 CURRENT APPLICATION NUMBER: US/10/366,125
 CURRENT FILING DATE: 2003-02-12
 PRIOR APPLICATION NUMBER: US 60/356,008
 PRIOR FILING DATE: 2002-02-12
 NUMBER OF SEQ ID NOS: 28
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 27
 LENGTH: 40
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-366-125-27

Query Match
 Best Local Similarity 85.4%; Score 35; DB 15; Length 40;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
 DB 17 LVFFAED 23

RESULT 71

US-10-051-496-3
 Sequence 3, Application US/10051496
 Publication No. US20020192660A1
 GENERAL INFORMATION:

APPLICANT: Kei-Lai L. Fong

;; TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for
;; Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-39)
;; Abeta(1-41), Abeta(1-42) and Abeta(1-43)
;; NUMBER OF SEQUENCES: 5
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Kei-Lai L. Fong
;; STREET: 1004 West 8th Avenue
;; CITY: King of Prussia
;; STATE: Pennsylvania
;; COUNTRY: USA
;; ZIP: 19406
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.50 inch, 1.44MB storage
;; COMPUTER: IBM PC Compatibles
;; OPERATING SYSTEM: Windows
;; SOFTWARE: MS NO. US20020182660A1eapd
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/10/051,496
;; FILING DATE: 18-Jan-2002
;; CLASSIFICATION: <Unknown>
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/09/784,854A
;; FILING DATE: 16-Feb-2001
;; APPLICATION NUMBER: 60/183,407
;; FILING DATE: 18-February-2000
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Koenig, C. Frederick III
;; REGISTRATION NUMBER: 29,662
;; REFERENCE/DOCKET NUMBER: PFI-PT001.1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 568-6499
;; TELEFAX: (215) 568-6400
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 41 Amino Acid
;; TYPE: Amino Acid
;; TOPOLOGY: Linear
;; MOLECULE TYPE: Protein
;; FEATURE:
;; NAME/KEY: Signal Sequence
;; LOCATION: 1-41
;; IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic
;; OTHER INFORMATION:
;; PUBLICATION INFORMATION:
;; AUTHORS:
;; TITLE:
;; JOURNAL:
;; VOLUME:
;; ISSUE:
;; PAGES:
;; DATE:
;; RELEVANT RESIDUES IN SEQ ID NO: 3: FROM 1-41
;; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-051-496-3
Query Match 85.4%; Score 35; DB 13; Length 41;
Best Local Similarity 100.0%; Pred. No. 7.3;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LVFFAED 7
DB 17 LVFFAED 23
RESULT 72
US-10-190-548A-3
;; Sequence 3, Application US/10190548A
;; Publication No. US20030109435A1
;; GENERAL INFORMATION:
;; APPLICANT: Griswold Premier, Irene
;; APPLICANT: Wright, Sarah
;; APPLICANT: Yednock, Theodore
;; APPLICANT: Rydel, Russell

;; TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity
;; FILE REFERENCE: 08576,0030-00
;; CURRENT APPLICATION NUMBER: US/10/190,548A
;; CURRENT FILING DATE: 2002-12-09
;; NUMBER OF SEQ ID NOS: 5
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 3
;; LENGTH: 41
;; TYPE: PRT
;; ORGANISM: homo sapiens
US-10-190-548A-3

Query Match 85.4%; Score 35; DB 14; Length 41;
Best Local Similarity 100.0%; Pred. No. 7.3;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 73
US-08-923-055-2
;; Sequence 2, Application US/08923055
;; Publication No. US20010016327A1
;; GENERAL INFORMATION:
;; APPLICANT: Dana Guillan
;; TITLE OF INVENTION: Identification of Agents that Protect
;; NUMBER OF SEQUENCES: 2
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
;; ADDRESSEE: & No. US20010016327A1a1s LLP
;; STREET: One Liberty Place - 46th Floor
;; CITY: Philadelphia
;; STATE: PA
;; COUNTRY: USA
;; ZIP: 19103
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
;; COMPUTER: IBM PS/2
;; OPERATING SYSTEM: PC-DOS
;; SOFTWARE: WORDPERFECT FOR WINDOWS 6.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/923,055
;; FILING DATE: Sept-03-97
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Lori Y. Beardsell
;; REGISTRATION NUMBER: 34,293
;; REFERENCE/DOCKET NUMBER: BYLR-0038
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 568-3100
;; TELEFAX: (215) 568-3439
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 42 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
US-08-923-055-2

Query Match 85.4%; Score 35; DB 8; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 74
US-09-867-847-1
; Sequence 1, Application US/09867847
; Patent No. US20020094335A1
; GENERAL INFORMATION:
; APPLICANT: Chalfour, Robert
; APPLICANT: Hebert, Lisa
; APPLICANT: Kong, Xiang
; APPLICANT: Gervais, Francine
; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
; FILE REFERENCE: 1445-501 CIP
; CURRENT APPLICATION NUMBER: US/09/867,847
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/168,594
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: 09/724,842
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: All D peptides
US-09-867-847-1

Query Match
Best Local Similarity 85.4%; Score 35; DB 9; Length 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 75
US-09-956-625-26
; Sequence 26, Application US/09956625
; Patent No. US20020119926A1
; GENERAL INFORMATION:
; APPLICANT: Fraser, Paul
; TITLE OF INVENTION: Inhibitors of IAPP Fibril Formation and Uses Thereof
; FILE REFERENCE: 1445-503
; CURRENT APPLICATION NUMBER: US/09/956,625
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/233,482
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 26
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-956-625-26

Query Match
Best Local Similarity 85.4%; Score 35; DB 9; Length 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 76
US-09-731-460-1
; Sequence 1, Application US/09731460
; Patent No. US20020137112A1
; GENERAL INFORMATION:

APPLICANT: Chojkier, Mario
; APPLICANT: Buck, Martina
; TITLE OF INVENTION: Compositions and Methods for Diagnosing Alzheimer's
; FILE REFERENCE: CHOJKIER-04302
; CURRENT APPLICATION NUMBER: US/09/731,460
; CURRENT FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-731-460-1

Query Match
Best Local Similarity 85.4%; Score 35; DB 9; Length 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 77
US-09-962-955C-37
; Sequence 37, Application US/09962955C
; Publication No. US20030013648A1
; GENERAL INFORMATION:
; APPLICANT: Gerardo M. Castillo
; APPLICANT: Alan D. Snow
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Patrick M. Dwyer
; STREET: Proteotech, Inc, 1818 Westlake Avenue N, Suite 114
; CITY: Seattle
; STATE: WA (Washington)
; COUNTRY: United States of America
; ZIP: 98109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage
; OPERATING SYSTEM: Windows 98
; SOFTWARE: Wordperfect 9
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/962,955C
; FILING DATE: 24-September-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/938,275
; FILING DATE: 22-August-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Dwyer, Patrick M.
; REGISTRATION NUMBER: 32,411
; REFERENCE/DOCKET NUMBER: PROTEO.P03CI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 343-7074
; TELEFAX: (206) 343-7085
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; ORIGINAL SOURCE:
; ORGANISM: MOUSE
; FEATURE:
; OTHER INFORMATION: Also referred to in the specification as "AB 1-42"
US-09-962-955C-37

Query Match 85.4%; Score 35; DB 10; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
17 LVFFAED 23

RESULT 78

US-09-848-616-174
Sequence 174, Application US/09848616
Publication No. US20030054010A1
GENERAL INFORMATION:
APPLICANT: Sebbel, Peter
APPLICANT: Dunant, Nicolas
APPLICANT: Bachmann, Martin
APPLICANT: Tisbet, Alain
APPLICANT: Lechner, Franziska
TITLE OF INVENTION: Molecular Antigen Array
FILE REFERENCE: 1700.0180002
CURRENT APPLICATION NUMBER: US/09/848.616
CURRENT FILING DATE: 2001-05-05
NUMBER OF SEQ ID NOS: 186
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 174
LENGTH: 42
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: Amyloid Beta Peptide
US-09-848-616-174

Query Match 85.4%; Score 35; DB 10; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
17 LVFFAED 23

RESULT 79
US-09-865-294-65
Sequence 65, Application US/09865294
Publication No. US20030068325A1
GENERAL INFORMATION:
APPLICANT: Wang, Chang Yi
TITLE OF INVENTION: Immunogenic peptide composition as vaccines for the
FILE REFERENCE: 1151-4167
CURRENT APPLICATION NUMBER: US/09/865.294
CURRENT FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 76
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 65
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
US-09-865-294-65

Query Match 85.4%; Score 35; DB 10; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
17 LVFFAED 23

RESULT 80
US-09-792-079-13
Sequence 13, Application US/09792079

Publication No. US20030083277A1
GENERAL INFORMATION:
APPLICANT: University of Kentucky Research Foundation
APPLICANT: Hersch, Louis B.
APPLICANT: Mukherjee, Atish
TITLE OF INVENTION: Use of Insulin Degrading Enzyme (IDE) For The Treatment Of Al;
FILE REFERENCE: 050229-0261
CURRENT APPLICATION NUMBER: US/09/792.079
CURRENT FILING DATE: 2001-02-26
PRIOR APPLICATION NUMBER: 60/184,826
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
US-09-792-079-13

Query Match 85.4%; Score 35; DB 10; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
17 LVFFAED 23

RESULT 81
US-09-825-242-1
Sequence 1, Application US/09825242
Publication No. US20030092000A1
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004720US
CURRENT APPLICATION NUMBER: US/09/825.242
CURRENT FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: 09/201,430
PRIOR FILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR FILING DATE: 1998-04-07
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: human Abeta42 beta-amyloid peptide
US-09-825-242-1

Query Match 85.4%; Score 35; DB 10; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
17 LVFFAED 23

RESULT 82
US-09-930-915A-293
Sequence 293, Application US/09930915A
Publication No. US20030138769A1
GENERAL INFORMATION:
APPLICANT: Birkett, Ashley J.
TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES HAVING ENHANCED
FILE REFERENCE: 4564/83501 ICC-102.2 PCT
CURRENT APPLICATION NUMBER: US/09/930,915A

US-10-363-082-1
Query Match
Best Local Similarity 85.4%; Score 35; DB 12; Length 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 LVFFAED 7
17 LVFFAED 23

US-10-363-082-1
Sequence 2, Application US/10337261
Publication No. US20040028673A1
GENERAL INFORMATION:
APPLICANT: Netzer, William
APPLICANT: Greenard, Paul
APPLICANT: Xu, Huaxi
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF AMYLOID-
FILE REFERENCE: 11181-014-999
CURRENT FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
PRIOR FILING DATE: 2002-01-04
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
US-10-337-261-2

Query Match
Best Local Similarity 85.4%; Score 35; DB 12; Length 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 LVFFAED 7
17 LVFFAED 23

US-10-363-082-1
Sequence 1, Application US/10363082
Publication No. US20040029279A1
GENERAL INFORMATION:
APPLICANT: American Cyanamid Company
TITLE OF INVENTION: Packaging of positive-strand RNA virus replicon
FILE REFERENCE: 01142-0200-00304
CURRENT FILING DATE: 2003-02-27
PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens

US-10-051-496-2
Query Match
Best Local Similarity 85.4%; Score 35; DB 13; Length 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 LVFFAED 7
17 LVFFAED 23

US-10-051-496-2
Sequence 2, Application US/10051496
Publication No. US20020182660A1
GENERAL INFORMATION:
APPLICANT: Kei-Lai L. Fong
TITLE OF INVENTION: N- and C-Terminal Specific Immunoassays for
Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-42), Abeta(1-43)
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSER: Kei-Lai L. Fong
STREET: 1004 West 8th Avenue
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.50 inch, 1.44MB storage
COMPUTER: IBM PC Compatibles
OPERATING SYSTEM: Windows
SOFTWARE: MS No. US20020182660A1epad
CURRENT APPLICATION DATA:
FILING DATE: 18-Jan-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/784,854A
FILING DATE: 16-Feb-2001
APPLICATION NUMBER: 60/183,407
FILING DATE: 18-February-2000
ATTORNEY/AGENT INFORMATION:
NAME: Koenig, C. Frederick III
REGISTRATION NUMBER: 29,662
REFERENCE/DOCKET NUMBER: PEI-PT001.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-6400
TELEFAX: (215) 568-6499
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 Amino Acid
TYPE: Amino Acid
TOPOLOGY: Linear
MOLECULE TYPE: Protein
FEATURE:
NAME/KEY: Signal Sequence
LOCATION: 1-42
IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS:
TITLE:
JOURNAL:
VOLUME:
ISSUE:
PAGES:
DATE:
RELEVANT RESIDUES IN SEQ ID NO: 2: FROM 1-42
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-051-496-2
Query Match
85.4%; Score 35; DB 13; Length 42;

Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 85

US-10-082-804-7
; Sequence 7, Application US/10082804
; Publication No. US20020194632A1
; GENERAL INFORMATION:
; APPLICANT: McConlogue, Lisa
; APPLICANT: Gurney, Mark E.
; TITLE OF INVENTION: Transgenic Knockouts of BACE-1
; FILE REFERENCE: MEMB 02-349-A
; CURRENT FILING DATE: 2002-02-22
; PRIOR FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: 60/271,092
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/271,514
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/293,762
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: A-beta 42 sequence.
US-10-082-804-7

Query Match 85.4%; Score 35; DB 13; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 87

US-10-217-584-2
; Sequence 2, Application US/10217584
; Publication No. US2003007261A1
; GENERAL INFORMATION:
; APPLICANT: Paris, Daniel
; APPLICANT: Mullian, Michael
; TITLE OF INVENTION: Modulation of Angiogenesis by A-Beta Peptides
; FILE REFERENCE: USF-T161Xc1
; CURRENT APPLICATION NUMBER: US/10/217,584
; CURRENT FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 60/311,656
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(42)
; OTHER INFORMATION: A-beta 1-42 peptide
US-10-217-584-2

Query Match 85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 88

US-10-169-580-2
; Sequence 2, Application US/10169580
; Publication No. US20030100477A1
; GENERAL INFORMATION:
; APPLICANT: Yamamouchi Pharmaceutical Co., Ltd.
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCT
; FILE REFERENCE: 070898
; CURRENT APPLICATION NUMBER: US/10/169,580
; CURRENT FILING DATE: 2002-07-08
; PRIOR FILING DATE: 2000-131037
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: PCT/JP01/03555
; PRIOR FILING DATE: 2001-04-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-169-580-2

Query Match 85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 89

US-10-278-181-1
; Sequence 1, Application US/10278181
; Publication No. US20030104488A1
; GENERAL INFORMATION:
; APPLICANT: Choikier, Maria
; APPLICANT: Buck, Martina
; TITLE OF INVENTION: Compositions and Methods for Diagnosing Alzheimer's
; FILE REFERENCE: CHOKIER-04302
; CURRENT APPLICATION NUMBER: US/10/278,181
; CURRENT FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US/09/731,460
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-278-181-1

Query Match 85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 90

US-10-143-534-2
; Sequence 2, Application US/10143534
; Publication No. US20030105152A1

GENERAL INFORMATION:
APPLICANT: Ingram, Vernon M.
APPLICANT: Blanchard, Barbara J.
APPLICANT: Stockwell, Brent R.
TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE
FILE REFERENCE: M00656/70078
CURRENT APPLICATION NUMBER: US/10/143,534
CURRENT FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: US 10/051,663
PRIOR FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 09/706,574
PRIOR FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn Version 3.0
SEQ ID NO 2
LENGTH: 42
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Peptide
US-10-143-534-2

Query Match 85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 91
US-10-190-548A-1
Sequence 1, Application US/10190548A
Publication No. US20030109435A1
GENERAL INFORMATION:
APPLICANT: Griswold, Premner, Irene
APPLICANT: Wright, Sarah
APPLICANT: Vedock, Theodore
APPLICANT: Rydel, Russell
TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity
FILE REFERENCE: 08576, 0030-00
CURRENT APPLICATION NUMBER: US/10/190,548A
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
US-10-190-548A-1

Query Match 85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 92
US-10-051-663-2
Sequence 2, Application US/10051663
Publication No. US20030114510A1
GENERAL INFORMATION:
APPLICANT: Ingram, Vernon M.
APPLICANT: Blanchard, Barbara J.
APPLICANT: Stockwell, Brent R.
TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE
FILE REFERENCE: M00656/70071
CURRENT APPLICATION NUMBER: US/10/051,663
CURRENT FILING DATE: 2002-01-18

PRIOR APPLICATION NUMBER: US 09/706,574
PRIOR FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn Version 3.0
SEQ ID NO 2
LENGTH: 42
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Peptide
US-10-051-663-2

Query Match 85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 93
US-10-159-279-13
Sequence 13, Application US/10159279
Publication No. US20030165481A1
GENERAL INFORMATION:
APPLICANT: University of Kentucky Research Foundation
APPLICANT: Herish, Louis B.
APPLICANT: Mubertee, Arish
TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alz
FILE REFERENCE: 050229-0298
CURRENT APPLICATION NUMBER: US/10/159,279
CURRENT FILING DATE: 2002-06-03
PRIOR APPLICATION NUMBER: 60/184,826
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: 08/792,079
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
US-10-159-279-13

Query Match 85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LVFFAED 7
DB 17 LVFFAED 23

RESULT 94
US-10-318-302-4
Sequence 4, Application US/10318302
Publication No. US20030171556A1
GENERAL INFORMATION:
APPLICANT: POSTECH FOUNDATION
APPLICANT: Chae, Chi-Bom
APPLICANT: Gho, Yong-Song
APPLICANT: Yang, Seung-Pil
APPLICANT: Kwon, Byung-Oh
APPLICANT: Bae, Dong-Goo
APPLICANT: Hwang, Seewok
TITLE OF INVENTION: BETA-AMYLOID BINDING FACTORS AND INHIBITORS THEREOF
FILE REFERENCE: 10011-00001
CURRENT APPLICATION NUMBER: US/10/318,302
CURRENT FILING DATE: 2002-12-12
NUMBER OF SEQ ID NOS: 5

SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
US-10-318-302-4

Query Match 85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 95
US-10-050-902-220
Sequence 220, Application US/10050902
Publication No. US20030175290A1
GENERAL INFORMATION:
APPLICANT: Renner, Wolfgang A.
APPLICANT: Bachmann, Martin
APPLICANT: Tisoc, Alain
APPLICANT: Maurer, Patrick
APPLICANT: Lechner, Franziska
APPLICANT: Sebhel, Peter
APPLICANT: Piossek, Christine
TITLE OF INVENTION: Molecular Antigen Array
FILE REFERENCE: 1700.0190004
CURRENT APPLICATION NUMBER: US/10/050,902
CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/262,379
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: US 60/288,549
PRIOR FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/326,998
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/331,045
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 350
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 220
LENGTH: 42
TYPE: PRT
ORGANISM: Amyloid Beta Peptide
US-10-050-902-220

Query Match 85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 96
US-10-050-898-220
Sequence 220, Application US/10050898
Publication No. US20030175711A1
GENERAL INFORMATION:
APPLICANT: Renner, Wolfgang A.
APPLICANT: Bachmann, Martin
APPLICANT: Tisoc, Alain
APPLICANT: Maurer, Patrick
APPLICANT: Lechner, Franziska
APPLICANT: Sebhel, Peter
APPLICANT: Piossek, Christine
APPLICANT: Ottmann, Rainer
APPLICANT: Luond, Rainer
APPLICANT: Staufenbiel, Matthias
APPLICANT: Frey, Peter

TITLE OF INVENTION: Molecular Antigen Array
FILE REFERENCE: 1700.0190005
CURRENT APPLICATION NUMBER: US/10/050,898
CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/262,379
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: US 60/288,549
PRIOR FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/326,998
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/331,045
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 350
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 220
LENGTH: 42
TYPE: PRT
ORGANISM: Amyloid Beta Peptide
US-10-050-898-220

Query Match 85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 97
US-10-082-014-81
Sequence 81, Application US/10082014
Publication No. US20030185858A1
GENERAL INFORMATION:
APPLICANT: Birxet, Ashley J.
TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL
FILE REFERENCE: ICC-130.0 4564/85124
CURRENT APPLICATION NUMBER: US/10/082,014
CURRENT FILING DATE: 2002-02-22
PRIOR APPLICATION NUMBER: 09/930,915
PRIOR FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 290
SOFTWARE: PatentIn version 3.1
SEQ ID NO 81
LENGTH: 42
TYPE: PRT
ORGANISM: Alzheimer's disease b-Amyloid
US-10-082-014-81

Query Match 85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
Db 17 LVFFAED 23

RESULT 98
US-10-372-076-82
Sequence 82, Application US/10372076
Publication No. US20030198645A1
GENERAL INFORMATION:
APPLICANT: Page, Mark
APPLICANT: Friede, Martin
TITLE OF INVENTION: STABILIZED HBC CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR
FILE REFERENCE: 4564/87179
CURRENT APPLICATION NUMBER: US/10/372,076
CURRENT FILING DATE: 2003-02-21
PRIOR APPLICATION NUMBER: 10/080,299
PRIOR FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 10/082,014

PRIOR FILING DATE: 2002-02-22
 NUMBER OF SEQ ID NOS: 308
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 82
 LENGTH: 42
 TYPE: PRT
 ORGANISM: Alzheimer's disease b-Amyloid
 US-10-372-076-82

Query Match
 Best Local Similarity 100.0%; Score 35; DB 14; Length 42;
 Pred. No. 7.5;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
 |||||
 Db 17 LVFFAED 23

RESULT 99
 US-10-231-298B-15
 Sequence 15, Application US/10231298B
 Publication No. US20030219853A1
 GENERAL INFORMATION:
 APPLICANT: Chou, Szu-Yi
 TITLE OF INVENTION: Method of Cross-Linking a Compound
 FILE REFERENCE: SAMG/0006
 CURRENT APPLICATION NUMBER: US/10/231,298B
 PRIOR FILING DATE: 2002-08-28
 PRIOR APPLICATION NUMBER: 60/361,166
 PRIOR FILING DATE: 2002-03-01
 PRIOR APPLICATION NUMBER: 60/363,445
 PRIOR FILING DATE: 2002-03-08
 NUMBER OF SEQ ID NOS: 16
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 15
 LENGTH: 42
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-231-298B-15

Query Match
 Best Local Similarity 85.4%; Score 35; DB 15; Length 42;
 Pred. No. 7.5;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
 |||||
 Db 17 LVFFAED 23

RESULT 100
 US-10-231-470C-15
 Sequence 15, Application US/10231470C
 Publication No. US20030219857A1
 GENERAL INFORMATION:
 APPLICANT: Chou, Szu-Yi
 TITLE OF INVENTION: Method of Producing Transglutaminase Having Broad Substrate
 FILE REFERENCE: SAMG/0003
 CURRENT APPLICATION NUMBER: US/10/231,470C
 PRIOR FILING DATE: 2002-08-28
 PRIOR APPLICATION NUMBER: 60/361,166
 PRIOR FILING DATE: 2002-03-01
 PRIOR APPLICATION NUMBER: 60/363,445
 PRIOR FILING DATE: 2002-03-08
 NUMBER OF SEQ ID NOS: 16
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 15
 LENGTH: 42
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-231-470C-15

Query Match 85.4%; Score 35; DB 15; Length 42;

Best Local Similarity 100.0%; Score 35; DB 14; Length 42;
 Pred. No. 7.5;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
 |||||
 Db 17 LVFFAED 23

Search completed: March 18, 2004, 08:03:03
 Job time : 38 secs